

MEMO

FROM: Town Clerk Betsy Browne
TO: Members of the RTM
DATE: February 7, 2020
RE: Robert's Rules of Order Presentation

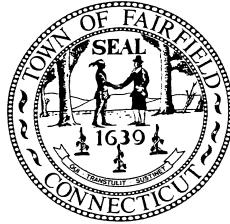


Former RTM Moderator Jeffrey Steele will conduct a workshop on Robert's Rules of Order following Committee Meetings on February 18, 2020 at the Education Center.

Town Ordinance 61-1
Disorderly Conduct (Violations of 53a-181; 53a-181a or 53a-182) for 2019/2020

[illegible]

2020 ANNUAL REPORT



Affordable Housing Committee Town of Fairfield

Stephen Grathwohl, Chair
Cynthia Sammarco, Vice-Chair
Joanne Csonka
Helene Daly
Walter Donne
Sheila Dravis
Nancy Lyons
Gretchen Goethner, Recording Secretary

February 2020

2020 ANNUAL REPORT
Affordable Housing Committee

The mission of the Affordable Housing Committee (AHC) is to promote a full range of housing choices for households of all incomes and ages in the Town of Fairfield.

During the past year, the Affordable Housing Committee:

- Reviewed and provided written comments to the Town Plan & Zoning Commission (TPZ) on a proposed 27-unit set aside development (CGS 8-30g) at 15-21 Beaconview Drive. The proposed project was subsequently withdrawn prior to public hearing, but has since been re-filed as a proposed 20-unit set aside development with TPZ.
- Reviewed and provided written comments to the TPZ on a proposed 40-unit set aside development (CGS 8-30g) situated at 980 High Street Road. The project, whose application was denied by the Inland Wetlands Agency, is currently pending before TPZ.
- Reviewed and provided written comments on the transit oriented development planning study, specifically with regard to the recommendations to increase the inclusionary set aside requirement from ten percent to 11-12%, which the Committee felt was too modest, given a proposed 50% increase in allowable density within the overlay zone.
- Provided testimony and written comments on a proposal to establish a payment in lieu option to satisfy inclusionary zoning requirements as it relates to for-sale below market rate units and the adequacy of a proposed fee in-lieu formula.
- Reviewed annual compliance reports submitted on behalf of housing developments subject to this reporting requirement including all 8-30g developments and developments subject to the Town's inclusionary zoning regulation.
- Continued to monitor progress toward accumulating sufficient housing unit equivalency points (HUEP) to seek a temporary 4-year moratorium. See Exhibit A.
- Met with local housing providers to discuss projects that might utilize funding from the Town's Housing Trust Fund. As of 12/31/19, the balance in the Trust Fund was \$673,890.
- The AHC continued work on the following additional goals which the AHC plans to pursue in 2020:
 - Soliciting proposals from housing developers to preserve or create affordable housing opportunities utilizing the Housing Trust Fund
 - Pursuing funding opportunities to update the Town's Affordable Housing Plan, last updated in 2014.
 - Working with Fairfield Senior Advocates and others to re-examine and consider changes to the Town's accessory dwelling unit regulations.
 - Continuing to educate the public on the need and desirability to provide a full range of housing options.

**Affordable Housing Plan
Progress Report**

#	Status	Action Item/Recommendation	What's Been Done	Present Status
1	Progressing	Create at least 100 newly affordable housing units in Fairfield by 2024.	80 units of affordable housing have been built since the plan was adopted.	On-Going. With the progress made to date and a number of projects already in construction, the Town should achieve this goal well before the 2024 target date.
2	Progressing	Obtain an initial moratorium from CGS 8-30g by 2018.	433 HUEP are required. The Town has amassed an estimated 341.5 HUEP as of 12/31/19, an increase of 217.5 HUEP or 175% from plan adoption.	On-Going. Several projects totalling 49.5 HUEP are presently under construction, with more in the pipeline. Only projects built and occupied qualify.
3	Complete	Establish a "Housing Fund" in 2015.	The RTM established a Housing Trust Fund by ordinance on 3/26/18	Completed. The AHC approved a pre-application form for use by entities seeking funds at its meeting on 2/13/19. The Fund has a balance of \$673,870 as of 12/31/19.
4	Complete	Adopt an "inclusionary zoning" fee in 2015.	The TPZ adopted an inclusionary zoning fee of .005% on new construction & building additions, which took effect on 10/1/18	Completed. The fee has generated \$673,870 as of 12/31/19, in a little more than a year since it took effect.
5	Complete	Establish a model housing "affordability plan" and a model deed restriction in 2015	The AHC prepared a model plan, annual compliance report and deed restriction, which were presented to the TPZ on 6/10/16.	Completed. The model plan and compliance reports are in use. The CED Office reviews annual compliance reports submitted to TPZ.
6	Incomplete	Update accessory apartment regulations in 2015	The AHC proposed zoning amendments in 2009, which failed to garner support. There are 150 legal ADUs, though none have recorded deed restrictions.	The AHC has prioritized other actions deemed to be more impactful in realizing our goals, but intends to revisit this issue in 2020.
7	Complete	Adopt an "inclusionary zoning" regulation in 2016.	The TPZ adopted an inclusionary zoning regulation on 8/25/15 requiring developments with more than 10 housing units to set aside 10% of the units as BMR units.	Completed. Since its adoption, the TPZ has approved thus far five projects totalling 40 BMR units, with an additional 15 BMR units pending
8	Complete	Adopt an "Incentive Housing Zone" in 2016.	The TPZ made minor changes to its regulations to reduce the threshold needed to qualify for a 50% density bonus if the development was creating affordable units.	Completed. The AHC is recommending that TPZ increase the set aside requirements in the TOD zone.
9	Progressing	Investigate the opportunity to create affordable housing through a tax relief or other program by 2017.	Monitored discussion/updates to Town's tax relief programs at RTM	On-Going.
10	Incomplete	Obtain a subsequent moratorium from CGS 8-30g.	The Town is progressing towards an initial moratorium; however, only units built and occupied count toward the moratorium.	Not Applicable.
11	Progressing	Continue to educate Fairfield residents on the need for affordable housing	The AHC has conducted or sponsored numerous workshops or forums on housing choice and CT's affordable housing laws (CGS 8-30g)	On-Going.

Exhibit A

	HUEP Required	Estimated HUEP	GAP
Dwelling Units per Census = 21,648	433.0	341.5	91.5
	Existing	In Progress	Total
Governmentally Assisted	134.0	0.0	134.0
Deed Restricted Ownership	44.5	0.0	44.5
Deed Restricted Rental	50.0	0.0	50.0
Set Aside Developments	94.5	74.0	168.5
Inclusionary Zoning Units	18.5	55.5	74.0
Total HUEP	341.5	129.5	471.0

“In Progress” includes projects either under construction or approved, which are expected to go forward, including a 92-unit set aside development at 92, 140 Bronson Road that was decided on appeal. Only units constructed or newly deed restricted after July 1990 can count toward a moratorium application, and only after a certificate of occupancy has been issued.

Exhibit B

The Housing Trust Fund was established by ordinance in March of 2018. As of December 31, 2019, the Housing Trust Fund had a balance of \$673,890. While discussions with potential applicants are on-going, no funds have been disbursed from the Fund.

Exhibit C

<u>Key Statistical Data</u>	2000	2010	2019	% Chnge ¹
Population	57,340	59,404	61,952	4.3%
Average Household Size	2.61	2.69	2.8	
Median Household Income	\$83,512	\$106,767	\$139,559	30.7%
Median Sales Price of a SF Home	\$343,750	\$520,000	\$585,000	12.5%
Sales Price to Income Ratio	4.1	4.9	4.9	
Number of Residential Sales	795	605	767	26.8%
Number of Residential Sales < \$300,000	272	61	38	(37.7%)
% of Residential Sales < \$300,000	34.2%	10.1%	5.3%	
Total Number of Housing Units	21,029	21,648	22,041	1.8%
Percentage of Affordable Units (DECD) ²	2.71%	2.21%	2.43%	

¹ This column measures the percentage change between 2019 and 2010.

² In developing the Affordable Housing Appeals List, the Department of Economic & Community Development (DECD) counts only governmentally assisted housing, rental housing occupied by persons receiving rental assistance, housing financed by the CT Housing Finance Authority (CHFA) and deed-restricted properties. For a complete description of this program or to see how other towns rank in comparison to Fairfield, please see <http://www.ct.gov/ecd>.

FairTV Commission

Seat	Name	Position	Party	Term Start	Term End
1	Braun, Kathryn L		R	07/19	07/22
2	[VACANT]			07/17	07/20
3	Jones, Andrew D	Vice-Chair '20	D	07/17	07/20
4	Quinn, James F	Secretary '20	D	07/18	07/21
5	Strelzer, Stuart	Chair '20	U	07/18	07/21

The FairTV Commission was established to oversee the development and operation of educational and government access television programming in Fairfield.

Full	Party Count
Vacant	1
Democrats	2
Republicans	1
Unaffiliated	1
Total Full	5



Town of Fairfield

Office of the First Selectman
725 Old Post Road
Fairfield, CT 06824

BOARDS AND COMMISSIONS QUESTIONNAIRE

To be considered for appointment to a Board or Commission please fill out this form, save a copy and email the saved copy, along with a copy of your resume, to the First Selectman's office at firstselectmanffld@town.fairfield.ct.us. Please note that your resume and completed questionnaire are public documents. If you have any questions please contact the First Selectman's Office at 203-256-3030 or firstselectmanffld@town.fairfield.ct.us.

Board/Commission: **FairTV**
Date: **12/11/19**

Name: **Alex Vishno**
Address: **61 Hemlock Hills North, Fairfield CT**

email: **av@a2vmedia.com**

home phone:

work phone:

Party: **R**

cell phone: **203-508-4007**

1. How did you learn about this position?

Laura Devlin reached out to me to discuss the opportunity to be involved with FairTV. I then researched FairTV through watching content, reading the minutes, the strategic plan, the regulations etc.

2. Why are you interested in serving and how can you contribute to this board / commission?

I have been in the entertainment and or content creation industry my entire professional career. Currently I run a company producing a wide variety of video content ranging from promotional, to educational, to creative, for clients including corporations, musicians, cities, and individuals. I believe I can serve through using my knowledge of entertainment, production, and business experience to help pursue FairTV's strategic goals, while enhancing the value of the content being produced & shared.

3. Have you attended any meetings or reviewed past minutes / agendas? If yes, please specify.

I have read through various minutes, agendas, ordinances, and strategic plans posted on the "Files & Documents" section of the FairTV website available at <https://www.fairfieldct.org/fairtvcommission>

4. Have you spoken with the chair, any members, or the appropriate Department Head?

I have met with a former chair of FairTV to discuss his experience. I have not spoken with any members but would like to.

5. Have you read the written description of the board's role?

Yes.

6. Do you have any potential conflict of interest?

None that I am aware of.

7. Do you know the time, date and location of meetings and will you be able to attend and fulfill the obligations of the position?

Yes.

8. Participation requires that you are registered voter in the town of Fairfield. Additionally, the town charter requires that party balance be maintained on all boards/commissions. Are you registered to vote and what is your party affiliation?

I am a registered voter/republican.

9. Please use this space to ask any questions you may have or to provide additional information you'd like to share.

VIDEO PRODUCER & EDITOR / EVENT PRODUCER / MARKETING DIRECTOR

Career encompasses high-end product launch experiences, corporate sponsorships and corporate branding. Experienced at managing logistics on an international scale, as well as producing video to video production for small and large businesses alike.

Corporate Client Experience Includes: *Innosight Consulting, The City of New Haven, HP, KPMG, Sand Hill Venture Capital, Anheuser Busch, Boeing & more.* **Artist Experience Includes:** *Michael Jackson, Alicia Keys, Mya, Mary J. Blige, Ray Charles, Usher, Jennifer Hudson, James Ingram & more.* **Music Projects Include:** *Sony, Universal, EMI/Warner and Roc Nation.*

- A creative strategist with an entrepreneurial spirit who brings the company's / client's goals to life and creates a memorable, innovative video and or live event experience within budget parameters.
- Takes a 360-degree role. Uniquely combines extensive hands-on production skills, leadership, operations and logistics, a business mindset, marketing and artistic abilities with a larger perspective on the project.
- Highly skilled at interfacing with clients, troubleshooting complex issues on site and delivering solutions.
- Has worked on large scale live, TV and online events. Caters to the needs of senior executives and sponsors.
- Video producer, handling all aspects of production from camera operation, to lighting, to editing, to distribution for a wide variety of clients.

Creative and Business Background | Experience Negotiating Union Labor Agreements and Production Contracts

Program Reporting | Projects Financial Performance | Initiates and Implements Profitable Ideas

Sponsorship Activation | P&L Responsibility | Strategic Partnerships | Marketing Strategy

A2VMEDIA | Boston and NYC

2011 – Present

Video & Event Production

Produces corporate videos, and experiential marketing events.

- Corporate & creative video production & editing for a wide variety of content including impact stories, business marketing videos, training videos, interviews, documentaries, gala premieres, music videos and more.
- Live event experience for a diverse client base including The City of New Haven, The Royal Prince of Bahrain, Innosight Consulting, Anheuser Busch/Ab Inbev, THINKstrategies, Brand Innovators and others.
- Determines client's strategic goals for the video and or event; advises on leveraging production capabilities within budget constraints to execute an impactful product.
- Takes a hands-on approach. Forecasts and analyzes budgets, ROI and managed funds for all productions. Sources vendors; negotiates production contracts and union labor agreements.
- Crafting the messaging, editing storylines, building teams, and executing productions on time and on budget.

PERFORMING ARTS CENTER OF CONNECTICUT, LLC | Fairfield County, CT

2015 – 2017

Executive Director / Owner

Identified the opportunity to acquire a struggling operation with potential. Managed a team of 25 including customer relations, marketing and event production employees.

- Led the acquisition analysis, negotiation, purchase and ultimate sale of the arts center.
- Improved profitability by restructuring, renegotiating expenses and aligning programming for the venue based on market demand. Monitored and forecast cash flow relative to annual budget.
- Increased brand awareness through strategic marketing initiatives in the community.

MWM VENTURES | NYC

2010 – 2011

Producer and International Marketing Director

Produced international concert events and designed product launches in emerging markets including Bahrain, UAE, and Saudi Arabia. International partners in the telecom industry included Batelco, Du, Mobily, and Etisalat. Music partners included Sony, Universal, EMI/Warner and Roc Nation.

- Directed all aspects of a star-studded 3-hour international concert at the Ritz Carlton in Manama, Bahrain to promote the launch of a digital music distribution company.
- Developed and executed international marketing strategy to extend the brand through strategic partnerships with regional telecom corporations.
- Maximized international marketing ROI through forecasting and securing funding through partnerships.

ALWAYSON MEDIA NETWORK | Boston and San Francisco

2009 – 2010

Producer

Hired to produce large-scale business conferences, elevating production quality while improving profitability. Strategically incorporated corporate sponsors into the production and oversaw the operations at all events.

- One month into the role, produced a significant business conference. Negotiated contracts by leveraging multiple vendors and negotiated with labor unions, incorporated corporate sponsorships, hired and trained an on-site team.
- Reduced expenses by \$300K to \$500K annually by producing the events in house; negotiated with vendors.
- Took the initiative to produce videos as digital media marketing collateral to promote the events. Leveraged music production background to quickly learn the technology.
- Expanded product line of live events by suggesting and implementing a pre-show CEO Bootcamp sponsored by HP, KPMG, Sand Hill Rd Venture Capital and others. Developed the accompanying messaging to influence attendance.

HYPSONIC, LLC | Greenwich, CT and Nassau, The Bahamas

2005 – 2007

Producer, Owner and Investor Relations

Combined music production experience with business skills and savvy to manage this venture-backed startup.

- Managed the diverse needs of investors, focused on ROI, budgeting and P&L with the artists' creative license.
- Delivered presentations to investors detailing the business case for additional funding for quality equipment and talent.
- Ran two recording studios, composed and produced pop music and collaborated with multiple musicians and artists.

TAPEWORKS, LLC | Hartford, CT

2004 – 2005

Producer – Commercial Consultation and Creation

Worked closely with advertising agencies to develop, produce compelling and engaging radio spots (advertising) to drive sales.

MICHAEL JACKSON 30TH ANNIVERSARY SPECIAL AND MIRACLE ON 34TH STREET CONCERTS | NYC

2001 – 2004

Assistant Music Director

Built the foundation of a large-scale music and event production career at live concerts televised from Madison Square Garden.

- Gained world-class experience in music direction, lighting, audio, and pyrotechnics from leaders in the field.
- Rehearsed the orchestra and wrote musical scores for celebrity performers including Michael Jackson, Usher, Alicia Keys, Mya, Mary J. Blige and others.

EDUCATION

MBA, Babson, F.W. Olin Graduate School of Business, Wellesley, MA

Master of Business Administration, 2009

MFA, California Institute of the Arts, Valencia, CA

Master of Fine Arts, 2004

BA Music, Berklee College of Music, Boston, MA

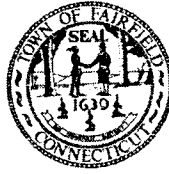
Bachelor of Music, 2001

TECHNICAL EXPERTISE

Proficient in business analysis, production, and presentation, audio production and video production software.

- Microsoft Excel for discounted cash flow modeling, forecasting and budgeting. PowerPoint for business cases.
- Audio production software and hardware: Logic, Pro Tools, Ableton Live, Digital Performer, Waves, audio consoles, recording studios, PA systems etc.

- Video pre-post production software and equipment: Final Cut Pro, Motion Graphics, Compressor, various camera equipment and lighting design.
- AV Event production systems including video switching, wireless audio, lighting, communication systems etc.



Town of Fairfield

Health Department
Fairfield, Connecticut 06824

Sands L. Cleary
Director of Health

Sullivan Independence Hall
725 Old Post Road

TO: Board of Selectmen, Board of Finance, Representative Town Meeting

FROM: Sands Cleary, Director of Health

SUBJECT: 14 Points Documentation for Consideration of Public Health Emergency Preparedness/Medical Reserve Corps Grant Funding Resolution as requested by the Director of Health

RESOLVED, that the First Selectwoman/First Selectman of the Town of Fairfield, is empowered to execute, authorize and approve on behalf of the Town of Fairfield, any and all contracts or amendments thereof with the Connecticut Region 1 Essential Support Function 8 (ESF8) Public Health Preparedness/Medical Reserve Corp Grant fiduciary organization with regard to the CDC 2019-2024 Public Health Emergency Preparedness Cooperative Agreement with a grant funding period of July 1, 2019 through June 30, 2024. Funding shall be for \$47,762 per year for each of 5 years or as amended by the CDC, State of CT or the Region 1 ESF 8 Public Health Preparedness/Medical Reserve Corps Grant fiduciary organization and shall cover the cost to support Fairfield's continued public health emergency preparedness and response efforts and Medical Reserve Corps Activities. All costs are 100% reimbursable from the CDC 2019-2024 PHEP Cooperative Agreement via the State of CT and the CT Region 1 ESF8 Fiduciary Organization.

DATE: December 18, 2019

-
- I. Background:** For the past 18 years the Fairfield Health Department has received Public Health Emergency Preparedness (PHEP) funding that originates from the Centers for Disease Control and Prevention (CDC) Cooperative Agreement. The United States Congress has authorized funding to support PHEP through a 2019-2024 CDC Cooperative Agreement. The CT Department of Public Health (DPH) has been awarded a Cooperative Agreement and the Connecticut Region 1 Essential Support Function 8 (ESF8) has selected a fiduciary organization for the Public Health Preparedness/Medical Reserve Corp Grant for the region. Funding will continue annually to local health departments but will be received from the annually selected fiduciary organization.

The PHEP Cooperative Agreement began in 2002, shortly after the events of September 11, 2001, and subsequent anthrax attacks, and these multi-year agreements have been renewed in subsequent years. The PHEP Cooperative Agreement provides funding to enable public health departments to have the capacity and capability to effectively respond to the public health consequences of not only terrorist threats, but also infectious disease outbreaks, natural disasters, and biological, chemical, nuclear and

radiological emergencies. The CT DPH develops the PHEP contract deliverables and provides technical assistance to staff in order to complete the requirements of the contract. The 2019-2024 Cooperative Agreement states the funding shall be utilized to strengthen six preparedness strategies which are: 1. Strengthen Community Resilience, 2. Strengthen Incident Management, 3. Strengthen Information Management, 4. Strengthen Countermeasures and Mitigation, 5. Strengthen Surge Management and 6. Strengthen Biosurveillance

- II. Purpose and Justification:** Public health departments have made progress since 2002 in their emergency preparedness and response efforts. However, state and local public health departments continue to face multiple challenges, including an ever-evolving list of public health threats. From the 2003 SARS Epidemic, the 2009 H1N1 Influenza Pandemic, Hurricane Irene in 2010, Super Storm Sandy in 2012, the 2014-15 Ebola Epidemic, the 2015-16 Zika Epidemic to the more the recent hurricanes affecting Texas, Florida and Puerto Rico all which underscore the importance of communities being prepared for potential threats. Regardless of the threat, an effective public health response begins with an effective public health system with robust infrastructure and strategies in place to conduct routine public health activities. Strong state and local public health systems are the cornerstone of an effective public health response. It is critical to continue preparedness programs to sustain and advance the ability of public health to prevent, protect against, and quickly respond to emergencies, particularly those in which scale, timing, or unpredictability threaten to overwhelm routine capabilities.
- III. Detailed Description of Proposal:** The Fairfield Health Department is responsible to continue development of the town's Public Health Emergency Response Plan and to enhance the department's ability to respond to public health emergencies by:
- (a) strengthening of roles/responsibilities of staff members in response to public health emergencies;
 - (b) continued recruitment, training, and retention of local Medical Reserve Corps volunteers;
 - (c) maintenance of emergency communications capabilities and protocols to notify all health care providers, volunteers and other stakeholders 24 hours a day, 7 days a week;
 - (d) ongoing development and maintenance of risk communication internal and external protocols;
 - (e) ongoing enhancement of capabilities for operation of mass dispensing sites, including ongoing development of alternative dispensing modalities;
 - (f) advancement of plans and measures to address the needs of functional needs populations;
 - (g) expansion of surge capacity of the health system when needed following a public health incident;
 - (h) identification of key participants in a bioterrorism or other public health emergency response and the protocols to coordinate this participation with relevant state, regional, and local agencies;
 - (i) provision of training to assure emergency response capabilities for staff and volunteers;
 - (j) improvement of the Mass Dispensing Plan and other components of the Public Health Emergency Response Plan through participation in a standardized operational readiness review, and through drills and exercises.
 - (k) Enhancement of mass fatality management capabilities, specifically in the planning for establishment of family assistance centers in response to a mass casualty event.

Furthermore, Fairfield will continue to collaborate on the development and testing of regional emergency response plans with all towns in the CT Department of Emergency Management and Homeland Security's Region 1. Our proposal is to utilize grant monies to fund positions to conduct the activities and meet the obligations required by the grant.

Proposed Annual Budgets (Year 1 - 5)

Base Award

Emergency Preparedness Planners	Part-time preparedness staff to accomplish planning and implementation of grant contract deliverables.	\$40,319
Medical Reserve Corp Coordinator	Part-time staff to assist in planning and implementation of Medical Reserve Corps related deliverables.	\$6,943
Office Supplies	Paper, pens, binders, etc.	\$500
Total		\$47,762

- IV. Reliabilities of Estimated Costs:** Over the past grant years, comparable proposed budgets were submitted to and approved by the State of Connecticut and expenditures to date are in line with those proposed budgets. This history provides us with a reliable estimate of the costs to be incurred during the coming years. CT DPH has already approved this award amount and has indicated as such within the grant contract with the Region 1 Fiduciary Organization.
- V. Conducive to Increased Efficiency or Productivity:** The objective is to better prepare the State and its communities for public health emergencies in order to reduce morbidity and mortality for its residents.
- VI. Additional Long-Range Costs:** None are known at this time. Federal and/or State funding may continue on a local or regional basis.
- VII. Additional Use or Demand on Existing Facilities:** None anticipated.
- VIII. Alternatives to this Request:** Funds are going to all eligible local health departments who are responsible for their jurisdiction in the State.
- IX. Safety and Loss Control:** None.
- X. Environmental Consideration:** None.
- XI. Insurance:** None.
- XII. Financing:** 100% funded by the State of Connecticut through the Region 1 ESF 8 selected Fiduciary Organization from the 2019-2014 Public Health Emergency Cooperative Agreement Award from the Centers for Disease Control.
- XIII. Other Considerations:** None.
- XIV. Other Approvals:** None



**Town of Fairfield Health Department 725 Old Post Road Fairfield, CT 06824
(203) 256-3020**

TO: Board of Selectmen, Board of Finance, Representative Town Meeting
FROM: Sands Cleary, Director of Health
SUBJECT: To hear, consider and act upon the following resolution as recommended by the Director of Health:

Resolved, that the First Selectwoman of the Town of Fairfield, is empowered to execute and deliver in the name and on behalf of the Town of Fairfield a contract, and any amendments thereof, with the Connecticut Department of Public Health for \$45,885 (approximately \$15,295 per year of this three-year contract) Preventive Health and Health Services Block Grant for Policy and Environmental Change for Chronic Disease Prevention for the period October 1, 2019 through September 30, 2022.

Date: October 2019

- 1) **BACKGROUND:** The Fairfield Health Department will be awarded \$45,885.00 from the State of Connecticut Preventive Health and Health Services Block Grant for a contract period from October 1, 2019 – September 30, 2022. Block Grant supported programs must be tied to selected Healthy People 2020 National Health Promotion and Disease Prevention Objectives by Federal requirement.

Physical inactivity and excessive weight gain are two of the major risk factors that lead to over half of all heart disease and two-thirds of all stroke deaths in Connecticut. People who are overweight and physically inactive are at significantly increased risk of developing cardiac risk factors including high blood pressure, elevated cholesterol and lipid levels and elevated fasting glucose levels (pre-diabetes). In 2018, Fairfield participated in a community health needs assessment with Bridgeport Hospital and the surrounding towns in the Greater Bridgeport area. Findings showed that 59% of Fairfield residents self-reported being overweight or obese and almost 20% of residents reported not being physically active in an average week. Engaging in regular physical activity and eating more nutritious foods will help combat obesity as well as cardiovascular disease and diabetes.

- 2) **PURPOSE AND JUSTIFICATION:** The State of Connecticut Department of Public Health (CTDPH) is focusing their approach to chronic disease prevention for 2019-2022 on environmental/policy changes to reduce major risk factors such as physical inactivity, obesity and reduction of excess dietary fat.

Funds from previous preventative health block grants were used to develop approximately 24 miles of bike routes, including the Mill Plain, Shoreline, and Library to Library Bike Routes. Funds were used to strip the shoulder lanes, paint sharrows, and purchase Bike Route and Share the Road signs. Additionally, previous funds allowed improving the bicycle infrastructure by purchasing bicycle racks, bike repair stations, bike pump stations, and bicycle friendly grates, all of which have been installed or plan to be installed around Town.

With this cycle of the preventative health block grant, the Health Department will continue on making Fairfield bike friendly by developing another bike route that follows the Fairfield Bicycle and Pedestrian Master Plan. With the help and guidance from the Fairfield Bicycle and Pedestrian Committee, Fairfield's Town Engineer, and the Fairfield Police Commission.

Additionally, the Health Department will continue working on the Eat Well Healthy Restaurant initiative that focuses on highlighting healthier menu options at different establishments in Fairfield. There are currently seven establishments in Fairfield enrolled in the free and voluntary program. We are currently reevaluating the enrollment process, and have spoken to other successful programs, to determine how to make this process easier for interested

establishments. Funds from this grant will help support a Registered Dietitian, shared with Norwalk Health Department, nutritional software program, advertisements on social media for the program and participating establishments, and program decal at each participating establishment.

3) DETAILED DESCRIPTIONS OF PROPOSAL:

The following is the estimated budget subject to change and approval by the State of Connecticut Department of Public Health.

Shoreline Bike Route – Approximately \$9,295: Road Shoulder Striping, Road Signs for Bike Route, Stencils/Sharrows \$9,295.00 per year, \$27,885 over three years

Healthy Restaurant Program – Approximately \$6,000.00: Nutritional Software and Registered Dietitian, Marketing Materials Menu Inserts, Stickers for Restaurants, Table Tents, Flyers/Advertisements, Printing and Duplication \$6,000 per year, \$18,000 over three years

Total over three years - \$45,885.00

4) RELIABILITY OF ESTIMATED COSTS: For the bike route, costs are based upon information provided by previous costs of the development of the Shoreline and Library to Library Bike Routes. For the healthy restaurant program, costs are based upon estimations and information provided by “On the Mark” marketing agency for cost of printing and duplication and the Norwalk Health Department for Registered Dietitian time and nutritional software.

5) CONDUCTIVE TO INCREASED EFFICIENCY OR PRODUCTIVITY: According to Healthy People 2020, proper nutrition and physical activity helps individuals maintain a healthy weight and decreases their risk for the development of many chronic conditions such as high blood pressure, type 2 diabetes, stroke, heart disease, some cancers and many more. If developed, these chronic conditions can lead to increased medical expenses, decreased quality of life, increased absenteeism, decreased efficiency, and can prevent children and adults from reaching their full potential.

6) ADDITIONAL LONG-RANGE COSTS: NONE

7) ADDITIONAL USE OR DEMAND ON EXISTING FACILITIES: NONE

8) ALTERNATIVES TO THIS REQUEST: The Fairfield Department of Health and the State of Connecticut Department of Public Health have determined cardiovascular disease prevention was the best current use for this funding. Present resources are inadequate to fund and staff this important program.

9) SAFETY AND LOSS CONTROL: NONE

10) ENVIRONMENTAL CONSIDERATIONS: NONE

11) INSURANCE: NONE

12) FINANCING: 100% covered from the 2019-2022 Preventive Health and Health Services Block Grant.

13) OTHER CONSIDERATIONS: For the full contract, please [CLICK HERE](#)

14) OTHER APPROVALS: NONE

RESOLUTION AUTHORIZING APPROPRIATION OF TWENTY-TWO MILLION DOLLARS (\$22,000,000) TO REFUND CERTAIN OF THE TOWN'S OUTSTANDING BONDS AND AUTHORIZING THE ISSUANCE OF REFUNDING BONDS TO FINANCE SUCH APPROPRIATION

Resolved:

1. That the Town of Fairfield (the "Town") appropriate TWENTY-TWO MILLION DOLLARS (\$22,000,000) to fund the redemption and the payment, in whole or in part, determined by the Committee designated below, of the outstanding principal, accrued interest and any call premium on all or any portion of any issue of the Town's General Obligation Bonds including, but not limited to the Town's General Obligation Bonds, Issue of 2012 (the "Refunded Bonds"), together with the costs of any applicable consultants' fees, financial advisory fees, legal fees, escrow fees, trustee's or agent's fees, investment fees, verification fees, underwriters' fees, net temporary interest and other financing or transactional costs, and other expenses related to the payment or redemption of such bonds for the purposes of refunding them.
2. To finance such appropriation, the Town will issue its serial refunding bonds (the "Refunding Bonds") under its corporate name and upon the full faith and credit of the Town in an amount not to exceed TWENTY-TWO MILLION DOLLARS (\$22,000,000) for the payment, in whole or in part, at or prior to maturity, as determined by the Board of Selectmen, the Treasurer and the Fiscal Officer of the Town, of the principal, interest and call premium on the Refunded Bonds and the costs related to such refunding.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said Refunding Bonds to be sold, issued and delivered; to determine their form, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon; to select the maturities of the Refunded Bonds to be refunded; to establish a reserve, escrow or similar fund for the payment of the Refunded Bonds; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the Refunding Bonds, and to designate bond counsel and escrow agent and to do or cause to be done all other acts that are necessary or appropriate to issue the Refunding Bonds all in accordance with the Connecticut General Statutes and any other law which may be applicable.
4. The Committee shall have all appropriate powers under the Connecticut General Statutes, to issue the Refunding Bonds and to sell the Refunding Bonds at public or private sale and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and other applicable laws and regulations of the United States, to provide for issuance of the Refunding Bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the

issuance and delivery of the Refunding Bonds in order that the interest on the Refunding Bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations and the filing of information reports as and when required.

5. The net proceeds of the sale of the Refunding Bonds, after payment of costs of issuance, shall be deposited in an irrevocable escrow or similar account and invested in appropriate legal investments including, but not limited to non-callable direct obligations of, or obligations guaranteed by, the United States of America, or any other investments permitted by Section 7-400 of the Connecticut General Statutes, all of which shall not be callable or pre-payable, the principal of and interest on which, when due, shall be in an amount sufficient to pay the principal of, interest and redemption premium, if any, on the Refunded Bonds at maturity, or to redeem the Refunded Bonds at the redemption price prior to maturity, pursuant to the plan of refunding. The Committee is further authorized to appoint a verification agent to verify the sufficiency of the escrow investments and to execute and deliver any and all escrow and other agreements necessary to provide for the payment when due of the principal of and interest and redemption premium, if any, on the Refunded Bonds.
6. The Refunding Bonds may be designated "Refunding Bonds" or other designation selected by the Committee and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall have a final maturity date not later than permitted by statute. Interest on the Refunding Bonds shall be payable semiannually or annually. The Refunding Bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectman and the Town Treasurer, and shall bear the seal of the Town. The signing and the imposition of the Town's seal on the Refunding Bonds may be by facsimile as provided by statute.
7. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the Refunding Bonds in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.



**Town of Fairfield Health Department 725 Old Post Road Fairfield, CT 06824
(203) 256-3020**

TO: Board of Selectmen, Board of Finance, Representative Town Meeting
FROM: Sands Cleary, Director of Health
SUBJECT: To hear, consider and act upon the following resolution as recommended by the Director of Health:

Resolved, that the First Selectwoman of the Town of Fairfield, is empowered to execute and deliver in the name and on behalf of the Town of Fairfield a contract, and any amendments thereof, with the Connecticut Department of Public Health for \$45,885 (approximately \$15,295 per year of this three-year contract) Preventive Health and Health Services Block Grant for Policy and Environmental Change for Chronic Disease Prevention for the period October 1, 2019 through September 30, 2022.

Date: October 2019

- 1) **BACKGROUND:** The Fairfield Health Department will be awarded \$45,885.00 from the State of Connecticut Preventive Health and Health Services Block Grant for a contract period from October 1, 2019 – September 30, 2022. Block Grant supported programs must be tied to selected Healthy People 2020 National Health Promotion and Disease Prevention Objectives by Federal requirement.

Physical inactivity and excessive weight gain are two of the major risk factors that lead to over half of all heart disease and two-thirds of all stroke deaths in Connecticut. People who are overweight and physically inactive are at significantly increased risk of developing cardiac risk factors including high blood pressure, elevated cholesterol and lipid levels and elevated fasting glucose levels (pre-diabetes). In 2018, Fairfield participated in a community health needs assessment with Bridgeport Hospital and the surrounding towns in the Greater Bridgeport area. Findings showed that 59% of Fairfield residents self-reported being overweight or obese and almost 20% of residents reported not being physically active in an average week. Engaging in regular physical activity and eating more nutritious foods will help combat obesity as well as cardiovascular disease and diabetes.

- 2) **PURPOSE AND JUSTIFICATION:** The State of Connecticut Department of Public Health (CTDPH) is focusing their approach to chronic disease prevention for 2019-2022 on environmental/policy changes to reduce major risk factors such as physical inactivity, obesity and reduction of excess dietary fat.

Funds from previous preventative health block grants were used to develop approximately 24 miles of bike routes, including the Mill Plain, Shoreline, and Library to Library Bike Routes. Funds were used to strip the shoulder lanes, paint sharrows, and purchase Bike Route and Share the Road signs. Additionally, previous funds allowed improving the bicycle infrastructure by purchasing bicycle racks, bike repair stations, bike pump stations, and bicycle friendly grates, all of which have been installed or plan to be installed around Town.

With this cycle of the preventative health block grant, the Health Department will continue on making Fairfield bike friendly by developing another bike route that follows the Fairfield Bicycle and Pedestrian Master Plan. With the help and guidance from the Fairfield Bicycle and Pedestrian Committee, Fairfield's Town Engineer, and the Fairfield Police Commission.

Additionally, the Health Department will continue working on the Eat Well Healthy Restaurant initiative that focuses on highlighting healthier menu options at different establishments in Fairfield. There are currently seven establishments in Fairfield enrolled in the free and voluntary program. We are currently reevaluating the enrollment process, and have spoken to other successful programs, to determine how to make this process easier for interested

establishments. Funds from this grant will help support a Registered Dietitian, shared with Norwalk Health Department, nutritional software program, advertisements on social media for the program and participating establishments, and program decal at each participating establishment.

3) DETAILED DESCRIPTIONS OF PROPOSAL:

The following is the estimated budget subject to change and approval by the State of Connecticut Department of Public Health.

Shoreline Bike Route – Approximately \$9,295: Road Shoulder Striping, Road Signs for Bike Route, Stencils/Sharrows
\$9,295.00 per year, \$27,885 over three years

Healthy Restaurant Program – Approximately \$6,000.00: Nutritional Software and Registered Dietitian, Marketing Materials Menu Inserts, Stickers for Restaurants, Table Tents, Flyers/Advertisements, Printing and Duplication
\$6,000 per year, \$18,000 over three years

Total over three years - \$45,885.00

4) RELIABILITY OF ESTIMATED COSTS: For the bike route, costs are based upon information provided by previous costs of the development of the Shoreline and Library to Library Bike Routes. For the healthy restaurant program, costs are based upon estimations and information provided by “On the Mark” marketing agency for cost of printing and duplication and the Norwalk Health Department for Registered Dietitian time and nutritional software.

5) CONDUCIVE TO INCREASED EFFICIENCY OR PRODUCTIVITY: According to Healthy People 2020, proper nutrition and physical activity helps individuals maintain a healthy weight and decreases their risk for the development of many chronic conditions such as high blood pressure, type 2 diabetes, stroke, heart disease, some cancers and many more. If developed, these chronic conditions can lead to increased medical expenses, decreased quality of life, increased absenteeism, decreased efficiency, and can prevent children and adults from reaching their full potential.

6) ADDITIONAL LONG-RANGE COSTS: NONE

7) ADDITIONAL USE OR DEMAND ON EXISTING FACILITIES: NONE

8) ALTERNATIVES TO THIS REQUEST: The Fairfield Department of Health and the State of Connecticut Department of Public Health have determined cardiovascular disease prevention was the best current use for this funding. Present resources are inadequate to fund and staff this important program.

9) SAFETY AND LOSS CONTROL: NONE

10) ENVIRONMENTAL CONSIDERATIONS: NONE

11) INSURANCE: NONE

12) FINANCING: 100% covered from the 2019-2022 Preventive Health and Health Services Block Grant.

13) OTHER CONSIDERATIONS: For the full contract, please [CLICK HERE](#)

14) OTHER APPROVALS: NONE



Town of Fairfield

Health Department
Fairfield, Connecticut 06824

Sands L. Cleary
Director of Health

Sullivan Independence Hall
725 Old Post Road

TO: Board of Selectmen, Board of Finance, Representative Town Meeting

FROM: Sands Cleary, Director of Health

SUBJECT: 14 Points Documentation for Consideration of Public Health Emergency Preparedness/Medical Reserve Corps Grant Funding Resolution as requested by the Director of Health

RESOLVED, that the First Selectwoman/First Selectman of the Town of Fairfield, is empowered to execute, authorize and approve on behalf of the Town of Fairfield, any and all contracts or amendments thereof with the Connecticut Region 1 Essential Support Function 8 (ESF8) Public Health Preparedness/Medical Reserve Corp Grant fiduciary organization with regard to the CDC 2019-2024 Public Health Emergency Preparedness Cooperative Agreement with a grant funding period of July 1, 2019 through June 30, 2024. Funding shall be for \$47,762 per year for each of 5 years or as amended by the CDC, State of CT or the Region 1 ESF 8 Public Health Preparedness/Medical Reserve Corps Grant fiduciary organization and shall cover the cost to support Fairfield's continued public health emergency preparedness and response efforts and Medical Reserve Corps Activities. All costs are 100% reimbursable from the CDC 2019-2024 PHEP Cooperative Agreement via the State of CT and the CT Region 1 ESF8 Fiduciary Organization.

DATE: December 18, 2019

I. Background: For the past 18 years the Fairfield Health Department has received Public Health Emergency Preparedness (PHEP) funding that originates from the Centers for Disease Control and Prevention (CDC) Cooperative Agreement. The United States Congress has authorized funding to support PHEP through a 2019-2024 CDC Cooperative Agreement. The CT Department of Public Health (DPH) has been awarded a Cooperative Agreement and the Connecticut Region 1 Essential Support Function 8 (ESF8) has selected a fiduciary organization for the Public Health Preparedness/Medical Reserve Corp Grant for the region. Funding will continue annually to local health departments but will be received from the annually selected fiduciary organization.

The PHEP Cooperative Agreement began in 2002, shortly after the events of September 11, 2001, and subsequent anthrax attacks, and these multi-year agreements have been renewed in subsequent years. The PHEP Cooperative Agreement provides funding to enable public health departments to have the capacity and capability to effectively respond to the public health consequences of not only terrorist threats, but also infectious disease outbreaks, natural disasters, and biological, chemical, nuclear and

radiological emergencies. The CT DPH develops the PHEP contract deliverables and provides technical assistance to staff in order to complete the requirements of the contract. The 2019-2024 Cooperative Agreement states the funding shall be utilized to strengthen six preparedness strategies which are: 1. Strengthen Community Resilience, 2. Strengthen Incident Management, 3. Strengthen Information Management, 4. Strengthen Countermeasures and Mitigation, 5. Strengthen Surge Management and 6. Strengthen Biosurveillance

II. Purpose and Justification: Public health departments have made progress since 2002 in their emergency preparedness and response efforts. However, state and local public health departments continue to face multiple challenges, including an ever-evolving list of public health threats. From the 2003 SARS Epidemic, the 2009 H1N1 Influenza Pandemic, Hurricane Irene in 2010, Super Storm Sandy in 2012, the 2014-15 Ebola Epidemic, the 2015-16 Zika Epidemic to the more the recent hurricanes affecting Texas, Florida and Puerto Rico all which underscore the importance of communities being prepared for potential threats. Regardless of the threat, an effective public health response begins with an effective public health system with robust infrastructure and strategies in place to conduct routine public health activities. Strong state and local public health systems are the cornerstone of an effective public health response. It is critical to continue preparedness programs to sustain and advance the ability of public health to prevent, protect against, and quickly respond to emergencies, particularly those in which scale, timing, or unpredictability threaten to overwhelm routine capabilities.

III. Detailed Description of Proposal: The Fairfield Health Department is responsible to continue development of the town's Public Health Emergency Response Plan and to enhance the department's ability to respond to public health emergencies by:

- (a) strengthening of roles/responsibilities of staff members in response to public health emergencies;
- (b) continued recruitment, training, and retention of local Medical Reserve Corps volunteers;
- (c) maintenance of emergency communications capabilities and protocols to notify all health care providers, volunteers and other stakeholders 24 hours a day, 7 days a week;
- (d) ongoing development and maintenance of risk communication internal and external protocols;
- (e) ongoing enhancement of capabilities for operation of mass dispensing sites, including ongoing development of alternative dispensing modalities;
- (f) advancement of plans and measures to address the needs of functional needs populations;
- (g) expansion of surge capacity of the health system when needed following a public health incident;
- (h) identification of key participants in a bioterrorism or other public health emergency response and the protocols to coordinate this participation with relevant state, regional, and local agencies;
- (i) provision of training to assure emergency response capabilities for staff and volunteers;
- (j) improvement of the Mass Dispensing Plan and other components of the Public Health Emergency Response Plan through participation in a standardized operational readiness review, and through drills and exercises.
- (k) Enhancement of mass fatality management capabilities, specifically in the planning for establishment of family assistance centers in response to a mass casualty event.

Furthermore, Fairfield will continue to collaborate on the development and testing of regional emergency response plans with all towns in the CT Department of Emergency Management and Homeland Security's Region 1. Our proposal is to utilize grant monies to fund positions to conduct the activities and meet the obligations required by the grant.

Proposed Annual Budgets (Year 1 - 5)

Base Award

Emergency Preparedness Planners	Part-time preparedness staff to accomplish planning and implementation of grant contract deliverables.	\$40,319
Medical Reserve Corp Coordinator	Part-time staff to assist in planning and implementation of Medical Reserve Corps related deliverables.	\$6,943
Office Supplies	Paper, pens, binders, etc.	\$500
Total		\$47,762

- IV. Reliabilities of Estimated Costs:** Over the past grant years, comparable proposed budgets were submitted to and approved by the State of Connecticut and expenditures to date are in line with those proposed budgets. This history provides us with a reliable estimate of the costs to be incurred during the coming years. CT DPH has already approved this award amount and has indicated as such within the grant contract with the Region 1 Fiduciary Organization.
- V. Conducive to Increased Efficiency or Productivity:** The objective is to better prepare the State and its communities for public health emergencies in order to reduce morbidity and mortality for its residents.
- VI. Additional Long-Range Costs:** None are known at this time. Federal and/or State funding may continue on a local or regional basis.
- VII. Additional Use or Demand on Existing Facilities:** None anticipated.
- VIII. Alternatives to this Request:** Funds are going to all eligible local health departments who are responsible for their jurisdiction in the State.
- IX. Safety and Loss Control:** None.
- X. Environmental Consideration:** None.
- XI. Insurance:** None.
- XII. Financing:** 100% funded by the State of Connecticut through the Region 1 ESF 8 selected Fiduciary Organization from the 2019-2014 Public Health Emergency Cooperative Agreement Award from the Centers for Disease Control.
- XIII. Other Considerations:** None.
- XIV. Other Approvals:** None

10 YEAR

**A RESOLUTION APPROPRIATING \$600,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION.**

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Six Hundred Thousand and 00/100 Dollars (\$600,000.00) to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (the "Projects"), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-3 on Exhibit A to a different project category listed on Exhibit A that would cause the cost of such project to exceed the cost listed on Exhibit A shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Six Hundred Thousand and 00/100 Dollars (\$600,000.00) and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of

the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than ten (10) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than ten (10) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond

anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2 of the Federal Income Tax Regulations, as amended, the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A
TO
A RESOLUTION APPROPRIATING \$600,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	IT	Land Use & Permitting Inspection System	\$100,000
2	Park & Rec	HSR - Golf Course Renovation	\$100,000
	SUBTOTAL NON-RECURRING CAPITAL - TOWN:		\$200,000
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
3	RLMS	Cooling Tower Replacement Project	\$400,000
	SUBTOTAL NON-RECURRING CAPITAL - BOE:		\$400,000
	TOTAL NON-RECURRING CAPITAL		\$600,000

TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS AND ASSOCIATED BOND ISSUANCE
FOR FISCAL YEAR 2020/2021

EXHIBIT 1

UPDATED

TOWN

		10 Year Bond	20 Year Bond	GRAND TTL.
		PRESENTED BY DEPT.	PRESENTED BY DEPT.	PRESENTED BY DEPT.
Department	Project	Amount	Amount	Amount
1 DPW	Transfer Station Renovation		\$250,000	\$250,000
2 DPW	Kings Highway Phase III Design		\$300,000	\$300,000
3 DPW	Senior Center Design		\$100,000	\$100,000
4 DPW	Bronson Road Arch to Box Culvert (D+C)		\$250,000	\$250,000
5 DPW	Storm System Improvements		\$500,000	\$500,000
6 DPW	Rooster River Detention Area Study		\$320,000	\$320,000
7 DPW	Independence Hall Boiler		\$115,000	\$115,000
8 DPW	Transfer Station Trash Compactors		\$354,000	\$354,000
9 IT	Land Use & Permitting Inspection System	\$100,000		\$100,000
10 Fire	Fire Station Rehabilitation		\$250,000	\$250,000
11 Park & Rec	HSR - Golf Course Renovation	\$100,000		\$100,000
12 Park & Rec	Post-Tension Tennis Courts - Tomlinson		\$400,000	\$400,000
SUBTOTAL NON-RECURRING CAPITAL - TOWN:		\$200,000	\$2,839,000	\$3,039,000

BOARD OF EDUCATION

		10 Year Bond	20 Year Bond	GRAND TTL.
		PRESENTED BY DEPT.	PRESENTED BY DEPT.	PRESENTED BY DEPT.
School	Project	Amount	Amount	Amount
1 FWMS	Elevator Replacement Project		\$175,000	\$175,000
2 RLMS	Cooling Tower Replacement Project	\$400,000		\$400,000
3 FLHS	Emergency Generator Replacement Project		\$200,000	\$200,000
SUBTOTAL NON-RECURRING CAPITAL - BOE:		\$400,000	\$375,000	\$775,000
GRAND TOTAL NON-RECURRING CAPITAL:		\$600,000	\$3,214,000	\$3,814,000

TOWN OF FAIRFIELD

Comparison of January 2020 Non-Recurring Capital Requests to October 2019 Capital Plan Workshop Plan

EXHIBIT 2

UPDATED

TOWN

JANUARY 2020

PROPOSED TO BOF - NON-RECURRING CAPITAL - 2/5/20

<u>Department</u>	<u>Project</u>	<u>2020/2021</u>
(1) DPW	Transfer Station Renovation Design	\$250,000
(1) DPW	Kings Highway Phase III Design	\$300,000
(1) DPW	Senior Center Design	\$100,000
(1) DPW	Bronson Road Arch to Box Culvert (D+C)	\$250,000
(1) DPW	Storm System Improvements	\$500,000
(3) DPW	Rooster River Detention Area Study	\$320,000
(3) DPW	Independence Hall Boiler	\$115,000
(3) DPW	Transfer Station Trash Compactors	\$354,000
(3) IT	Land Use & Permitting Inspection System	\$100,000
(3) Fire	Fire Station Rehabilitation	\$250,000
(1) Park & Rec	HSR - Golf Course Renovation	\$100,000
(1) Park & Rec	Post-Tension Tennis Courts - Tomlinson	\$400,000
SUBTOTAL NON-RECURRING:		<u><u>\$3,039,000</u></u>

DIFFERENCE: \$789,000

OCTOBER 2019

PROPOSED - CAPITAL PLAN WORKSHOP - 10/29/19

<u>Department</u>	<u>Project</u>	<u>2020/2021</u>
(1) DPW	Transfer Station Renovation	\$250,000
(1) DPW	Kings Highway Phase III Design	\$300,000
(1) DPW	Senior Center Design	\$100,000
(1) DPW	Bronson Road Arch to Box Culvert (D+C)	\$250,000
(1) DPW	Storm System Improvements	\$500,000
(2) DPW	New Fleet Radios & GPS	\$350,000
(1) Park & Rec	Golf Course Renovation	\$100,000
(1) Park & Rec	Post-Tension Tennis Courts - Tomlinson	\$400,000
SUBTOTAL NON-RECURRING:		<u><u>\$2,250,000</u></u>

- (1) On both at same amount
- (2) Project Removed
- (3) New Project

Reconciliation

Workshop	\$2,250,000	Capital Plan Workshop
Remove	(\$350,000)	New Fleet Radios & GPS
New	\$320,000	Rooster River Detention Area Study
New	\$115,000	Independence Hall Boiler
New	\$354,000	Transfer Station Trash Compactors
New	\$100,000	Land Use & Permitting Inspection System
New	\$250,000	Fire Station Rehabilitation
	<u><u>\$3,039,000</u></u>	

TOWN OF FAIRFIELD

EXHIBIT 3

Comparison of Board of Education February 2020 Non-Recurring Capital Requests to October 2019 Capital Plan Workshop Plan for FY21

BOE

FEBRUARY 2020PROPOSED TO BOS - NON-RECURRING CAPITAL - 2/3/20

<u>School</u>	<u>Project</u>	<u>2020/2021</u>
(1) FWMS	Elevator Replacement Project	\$175,000
(1) RLMS	Cooling Tower Replacement Project	\$400,000
(1) FLHS	Emergency Generator Replacement Project	\$200,000
		<u>\$775,000</u>

OCTOBER 2019PROPOSED - CAPITAL PLAN WORKSHOP - 10/29/19

<u>School</u>	<u>Project</u>	<u>2020/2021</u>
(1) FWMS	Elevator Replacement Project	\$175,000
(1) RLMS	Cooling Tower Replacement Project	\$400,000
(1) FLHS	Emergency Generator Replacement Project	\$200,000
	SUBTOTAL NON-RECURRING:	<u>\$775,000 *</u>

DIFFERENCE: \$0

(1) On both at same amount

*Note: The BOE presented total FY21 Non-Recurring for \$2,275,000 which included FWHS - New A/C for cafeteria for \$1.5m which is a capital project. This project is presented to the Boards separately as a Capital item request for \$1.5m.

Land Use, Permitting and Inspection System - \$100,000

Background

The Town of Fairfield implements its permitting processes using a combination of commercial and “in-house authored” software and databases. Each department operates a separate database in which permit information and associated documents are stored. (In the case of the Building Department, *two* databases are used.) Over the years, the Information Technology Department developed routines to copy data among the various databases to keep them up-to-date with the latest information from other data sources, such as the Tax Assessment system and the Engineering Department’s GIS system.

Although these systems have served the Town well over the years, they are:

- quite outdated;
- very fragile (a recent upgrade to the Tax system resulted in a significant re-programming effort to restore the copying routines to correct operation);
- do not promote automated permit workflow among the departments;
- and do not lend themselves to modern, publicly-accessible, on-line operation.

As a result, residents and contractors must appear *in person* in Town Hall during a limited time window each day, and are shuttled from department to department in order to navigate complex and varied permitting processes.

Town Information Technology has been conducting weekly meetings with various stakeholders in the permitting and inspections process to develop an RFP for a Town-wide application system (similar to MUNIS for Finance/HP/Payroll/Budgeting):

- Building Department
- Engineering Department
- Sewer Department
- Conservation Department
- Plan and Zoning Department
- Fire Marshal
- Health Department
- also, the Tax Assessor who provides inputs to, and receives output from the permit/inspections process

The group will provide a draft RFP to Purchasing in early February.

Purpose & Justification

To establish a cost-effective, comprehensive land use, permitting, and inspections system that will enable us to improve service to our businesses and residents by making the permitting process Internet accessible, and to improve the efficiency of our internal permitting and inspection processes through consolidation of numerous existing systems into one online, centrally shared application system, similar to the Town's MUNIS system.

Benefits and goals of the New System:

- Improve service to residents, businesses, and contractors in Fairfield
- Replace paper storage of land and parcel information, maps, and plans with electronically stored records
- Allow as much of the permit application process for various functions to be performed online as possible, reducing the need to travel to Town Hall
- Increase public access to publicly available records
- Accept payment of permit fees on line
- Improve, automate, and speed up permit approval workflow among departments without requiring the applicant to physically shepherd their applications through the system
- Provide a “one-stop” system for all stakeholders to consult to determine the progress and approval status of their permits
- Improve and document communications between Town officials and applicants by
 - reminding applicants to upload any missing required documents;
 - flagging parcels if site conditions (GIS driven queries) require special review due to Historic District, Flood zone, or Inland Wetlands where an online permit cannot be issued;
 - notifying applicants:
 - as their application is approved by each department and moves to the next
 - of the outcome of any hearings
 - when their permit is approved and can be downloaded and/or printed
 - when their certificate of occupancy can be downloaded and/or printed

- Increase the efficiency of the inspections process through the use of mobile devices in the field
- Guide applicants through the permit application and approval process through online guided workflows
- Have permit applications arrive at the right department at the right time (e.g., Zoning should always be the first stop for *Parcel-related* permits; Building doesn't receive the application until Engineering has assigned an address, etc.)
- Be available to the public 24 hours per day

Detailed Description of Proposal

There are several elements to installing such a system:

- Implementation costs, including:
 - Migration of data from the Town's existing digital systems
 - Integration of the new system with other Town systems, such as GIS and Tax systems
 - Integration with the State of Connecticut Contractor database
 - Adopting and adapting best-practice workflows for various types of permits
 - Training Town Staff
- Recurring costs, including:
 - Annual operating cost of the new system
 - Cost of running existing systems during the overlap year while the implementation is underway
- Equipment and installation costs, such as:
 - Additional computers and tablets to support the system
 - Regular and large-format scanners to convert paper plans into digital form
 - Large screen monitors or TVs to display and review electronic plans

The Town has received a rough pricing estimate from a prospective vendor for the implementation and annual recurring costs of a new system. We do not yet have actual pricing as we have not yet exercised an RFP.

The implementation cost is estimated at: \$40,000

The annual recurring cost is estimated at: \$25,000

Equipment and installation costs are estimated at: \$35,000

Reliability of Estimated Cost

The implementation and recurring cost estimates are provided by a vendor that provides the

system to approximately 40 towns in the State of Connecticut. This may or may not be the prevailing proposer at the end of the RFP process. It is possible that the cost may change as we refine our numbers, for example, the estimate assumes up to 4,000 permits per year – this number may not be enough if restaurant and nail salon permits are counted as fully as a complex building permit.

We will be asking proposers for recommendations of appropriate types of, and numbers of, computers and scanners (including large-format scanners) to support the implementation. Large format scanners can cost \$5,000 - \$15,000 or more each, depending on brand, model, and speed. Such devices may be made available to the public so that, if they come to Town Hall with paper documents, they can be scanned and attached to their permit application.

Additional Long-Range Costs

Any system will have ongoing annual costs. The annual estimated cost of the system is \$25,000 per year. *This is roughly equivalent to the Town's current costs for its existing commercial systems.* As the existing systems will be retired at the end of the implementation, the current expenditure levels may support the new system. Maintenance costs for scanners and tablets are not expected to be significant.

Additional Use or Demand on Existing Facilities

The implementation of this system is included in the architectural planning process for Independence Hall and Old Town Hall. The resulting plan is expected to accommodate the needs for one or more public scanning stations, and large displays for certain departments. It is possible that discontinuing the acceptance of paper documents for long-term storage (as they will be digitized) will reduce space pressures within departments caused by paper storage.

Alternates to this Request

We will be considering multiple proposals for the system as a result of the RFP. Proposals will be evaluated based on price, functionality, likelihood of successful implementation, knowledge and experience of the proposer regarding operating in the State of Connecticut, and ability to comply with the 600+ requirements and desired capabilities developed by the RFP drafting group.

An alternative would be to not implement a comprehensive, distributed, online enterprise-wide system and continue to process permits in the existing way. However, the Town's residents and businesses expect more.

Safety and Loss Control

N/A

Environmental Considerations

N/A

Insurance

N/A

Financing

The project is to be bonded as part of non-recurring capital for fiscal year 2021.

Other Considerations

This project will represent a significant change in the way the Town processes permits. Our residents, businesses, and the upcoming generation *expect* to be able to do much more on line.

Most Towns take a year *or more* to fully implement such a system. A successful implementation will rely on each department's already busy staff diverting attention to learning and testing the new system in parallel, while continuing to operate existing systems and processes.

Other Approvals

Given the cost and scope of the system, it is expected that approval will be required by:

- Department Heads of involved departments (already have approval)
- First Selectwoman
- Board of Finance
- RTM

Proposal Information

Created Date	4/9/2018	Contract Start Date	4/1/2019
Quote Number	201804-322	Contract End Date	3/31/2020

Municipal Information

Account Name	Town of Fairfield	Name	David Kelley
Billing Address	611/725 Old Post Road Fairfield, Connecticut 06824 United States	Phone	(203) 254-4806
		Email	dkelley@fairfieldct.org

Investment Line Items

Product	Product Description	Product Code	Total Price
CRCOG VPC 1001-4000	For the Town to process up to 4000 permits per year CRCOG VPC 1001-4000 Records Annually • Unlimited Users • Support & Maintenance • All Hosting & Storage • All Updates & Upgrades	Annual Recurring	\$17,280.00
Master Address Table Annual Support	Integrate your Master Address Table into ViewPoint Cloud for a weekly import of all location information. This will replace the automated Google Maps Address Search. It will be the municipalities responsibility to provide ViewPoint with the file initially and ongoing for any updates. Requirements: Same as 1 time import, plus (at least) read-only any-time access to the MAT database which must contain the parcel properties latitude/longitude coordinates. If Geocoding is required additional costs will apply.	Annual Recurring	\$2,400.00
ESRI Integration Support	ArcGIS Server 10.x web service accessible outside of the community's local intranet.	Annual Recurring	\$1,200.00
Contractor Integration Support	Contractor list provided by CT DCP and made available in the software Integrate ViewPoint Cloud with your contractor database to import licensed contractor information. *Small municipality discount (under 40k pop.) - 25% off monthly dues. Requirements: A clean contractor table including all information to be included on application forms.	Annual Recurring	\$1,200.00
Implementation & Deployment Services	ViewPoint will train administrative staff and provide implementation services for your first department (additional department deployment services may be requested for an additional investment) Hours allotted to this project for ViewPoint Cloud professional services consulting &/or services/setup assistance. Expert assistance from a ViewPoint consultant. Intended for 1-3 administrators, this program will take approximately 3 weeks, during which time you will gain an expert understanding of the software as you tailor the system to suit your community. Sample curriculum includes: • Defining citizen service goals • Developing an online permitting strategy • How to customize forms and workflows • Testing & Training best practices	One Time	\$16,250.00
End User Education Course	Expert assistance from a ViewPoint education specialist. Intended for end user staff. Price per department for single 2-hour end-user training webinar + recording. End Users will learn necessary skills to perform their jobs in the ViewPoint Cloud environment.	One Time	\$1,500.00
Master Address Table	Import all of your location information from your Master Address Table into ViewPointCloud. This will replace the automated Google Maps Address Search. Requirements: A clean master address table including all of the community's location information and	One	\$2,000.00



One Time Import	must contain the parcel properties latitude/longitude coordinates, as well as at least 1 unique ID field. ViewPoint does not take responsibility for 'dirty' data. If Geocoding is required additional costs will apply.	Time	
ESRI ArcGIS Server Integration	Integrate ViewPoint Cloud with your ArcGIS Server. This will replace all Google Maps views with your published ESRI map.	One Time	\$1,000.00
Contractor Integration	Contractor list provided by CT DCP and made available in the software Integrate ViewPoint Cloud with your contractor database to import licensed contractor information.	One Time	\$1,000.00
Historical Data Migration	Migrate Mitchell Humphrey historical permit records Requirements: A reporting export from the previous system to include all data to be migrated. If community is using an imported/integrated MAT, then the historical data must include a foreign key field matching up to the MAT unique ID.	One Time	\$9,000.00
Historical Data Migration	Migrate records form a 2nd data source (Admins?) Requirements: A reporting export from the previous system to include all data to be migrated. If community is using an imported/integrated MAT, then the historical data must include a foreign key field matching up to the MAT unique ID.	One Time	\$9,000.00

Total Investment from Items Above

Total Price \$61,830.00

Notes

For data to be migrated:

- Denormalized permit data exported as CSV format. (Denormalized means no need to reference lookup tables for permit types, status codes, etc.,)
- Permit data should be consolidated such that all data to be migrated for a specific permit be in one row of one main spreadsheet, and there are no extraneous columns or data.
- Data that is many-to-one should be included in separate CSVs with a referenceable foreign key back to the permit.

ViewPoint Contact

Prepared By Carl Anderson Expiration Date 4/30/2018

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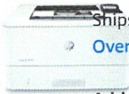
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H. SMITH RICHARDSON

10-Year Improvement

NON-RECURRING CAPITAL REQUEST

2020/2021



H. Smith Richardson GC 10-year Improvement Plan

Tenth & Final Year Non-Recurring Capital Plan

1. Background:

In 2010, the Golf Commission presented a 10-year Master Improvement and Financial Plan for H. Smith Richardson. It was approved by the Board of Selectmen, Board of Finance, and as well as the RTM, and the implementation began in FY 2011 and has continued.

FY 10/11- \$180,000	FY 11/12- \$ 50,000	FY 12/13- \$105,000
FY 13/14- \$100,000	FY 14/15- \$100,000	FY 15/16- \$100,000
FY 16/17- \$100,000	FY 17/18- \$ 0**	FY 18/19- \$100,000
FY 19/20- \$100,000		

**Denotes that \$150,000 approved for a new irrigation pump station.

We request the continuation of \$100,000 per fiscal year to continue improvements to the golf course and cart paths.

2. Purpose & Justification:

In the upcoming year, our focus will be to continue improving and repaving roads and cart paths throughout the course. Many paths are old, cracking and have potholes. The paths have caused damage and wear to newly leased golf carts. In many cases, the paths are not wide enough for trucks and tractors to access the course to do necessary work, or for emergency vehicles accessibility in case of need. We have been improving the cart paths little by little out of the operating budget but additional funding is necessary to stay ahead. Building and renovation of some tees need addressing and we will focus on neglected tree work from previous years' storms.

3. Detailed Description of Proposal:

Redoing the main access roads and several other paths to 8 foot wide. The paths are to be asphalted with processed stone used for a base. Tree trimming and removal. New forward tees and tee renovation at the recommendation of the Golf Commission.

400 tons asphalt x \$90/ton =	\$36,000
650 tons processed stone \$15/ton=	\$ 9,750
Labor =	\$20,000
Tree Trimming and Removal	\$20,000
Tee improvements	\$14,250
	\$100,000

4. Reliability of Estimated Cost:

The cost estimate is made up of known prices for materials and labor based on current bid pricing.

5. Increase Efficiency or Productivity:

With these improvements, there will be more projects on the course accomplished especially with inclement and winter weather being able to get out there without making a mess or being stuck. Removal of dead or dying trees and the trimming of others for safety purposes.

6. Additional Long Range Cost:

There are no additional long-range cost.

7. Additional Use or Demand on Existing Facilities:

None

8. Alternatives to this Request:

The alternative discussed was to do this with present work force; however, we do not have the labor to handle this while continuing to maintain the golf course. Should these improvements not be made, the paths will continue to worsen to the point of being unusable without constant repair. Trees & limbs will fall and create safety concerns.

9. Safety & Loss Control:

This proposal will improve conditions so that golf cart damage is limited as well as safer for cart occupants. It will also allow emergency vehicles safer

access especially during wet conditions. Safety for the users of the course with proper tree removal and trimming.

10. Environmental Considerations:

None

11. Insurance:

Contractor will be required to carry insurance coverage.

12. Financing:

Bonded

13. Other Considerations:

None

14. Other Approvals:

Board of Selectman

Board of Finance

RTM

Fairfield Board of Education Proposed Capital Non-Recurring Projects 2020 - 2021



Fairfield Ludlowe High School
Generator



Fairfield Woods Middle School
Elevator



Roger Ludlowe Middle School
Cooling Tower

January 2, 2020

Dear Board of Education Members:

This booklet provides an overview of the following 2020-2021 Proposed Capital Non-Recurring Project Requests:

1. Fairfield Woods Middle School Elevator Replacement Project
2. Roger Ludlowe Middle School Cooling Tower Replacement Project
3. Fairfield Ludlowe High School Emergency Generator Replacement Project

I have included all of the above projects in the Fairfield Public Schools' Facilities Plan. Information for each project is provided using the 14-point format devised by the Town of Fairfield and includes:

- Justification and background information;
- A cost estimate that includes previous project information, verbal quotations, and/or written proposals;
- Photographs of projects in existing conditions; and
- Photos of expected new conditions.

We hope you find this information helpful, and we are confident it will answer many of your questions as we begin the budget discussions. Thank you for your continued support.

Sincerely,

A handwritten signature in black ink that reads "Mike".

Michael Cummings
Superintendent of Schools

Fairfield Public Schools
2020-2021
Capital Non-Recurring Projects

Table of Contents

<u>Location</u>	<u>Project</u>	<u>Estimated Cost</u>	<u>Page</u>
FWMS	Elevator Replacement Project	\$ 175,000.00	2
RLMS	Cooling Tower Replacement Project	\$ 400,000.00	8
FLHS	Emergency Generator Replacement Project	\$ 200,000.00	12
<hr/>			
Total		\$ 775,000.00	

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Fairfield Woods Middle School

Elevator Replacement Project

\$ 175,000.00

Background: Fairfield Woods Middle school is a multi-level building. This building has two elevators, one that services students and staff going from the main floor to the second floor and one that services the main floor to the lower level. If either elevator is down, the building is not ADA compliant, and staff and students with special needs cannot gain access to the upper or lower floors.

Purpose & Justification: The Bradley wing elevator was installed in 1995 and has been problematic for over a year now. The manufacturer no longer supports the elevator, and parts are no longer available. Each time this elevator goes down, it takes approximately two weeks to get it working again.

Detailed Description: This expenditure would cover the total cost to remove and replace the Bradley Wing elevator. It would include but not be limited to (1) Removal of the car, call buttons, control cabinet, knife switch (2) The installation of all new equipment. This cost also includes bringing the existing elevator shaft up to the latest code requirements.

Estimated Cost: The cost of this funding request is \$175,000.00. Transactions exceeding \$15,000.00 shall be awarded on the results of a formal bidding process through the Town of Fairfield. This price carries a contingency because of potential unknown issues in the piping between the elevator shaft and the control closet.

Long Range Costs: All new equipment has a life expectancy of approximately 25-30 years; the only long range cost would be routine maintenance.

Demand on Existing Facilities: This project would reduce the maintenance cost due to the new equipment working better than the existing. This new elevator will also carry a preventative maintenance contract.

Security, Safety, and Loss Control: This project would increase safety by allowing for staff and students with special needs to access the lower level of the building without traveling outside of the building.

Environmental Considerations: All new equipment will meet all regulatory standards.

Funding, Financing & OSCG&R: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This Project is not eligible for reimbursement through OSCG&R.

Schedule, Phasing & Timing: The schedule for this project would be to have work started during the summer recess of 2020 and should be completed shortly after the start of the 2020-2021 school year.

Other Considerations: This work will be bid out by the Town Purchasing Department and is to be performed by outside professional licensed contractors.

Alternates to the Request: The alternate to this request would be to do nothing. This alternative would continue to add cost to maintain the existing elevator. This alternative could jeopardize the ability to move staff and students to the lower level of the building as parts are becoming obsolete.

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Fairfield Woods Middle School

Elevator Replacement

\$ 175,000.00

Details

Engineer of Record:

Phil Cerrone Architect
Fairfield, CT

Licensed contractor to provide labor and materials

Prepared by:

THP (Tomlinson Hawley Paterson)

Per-Town Bid results (This project was bid 2019-2020 but not funded. THP has agreed to hold pricing)

Breakdown:

Architectural Design

Data Collection and Field Investigation

Provide Drawings and Specification

Pre-bidding Walkthrough

Construction Administrations Services

\$ 2,200.00

Encumbered in BOE Operating Budget FY 2018-2019

Licensed Contractor

Disconnection and Removal of All Old Elevator Components

Installation of New Kone Elevator

Install New Code Compliant Equipment in Pit and Shaft

All State and Local Inspections

\$ 134,110.00

Contingency

\$ 40,890.00

TOTAL

\$ 175,000.00



Fairfield Woods Middle School
Old – Elevator Inside





Fairfield Woods Middle School
New - Elevator Inside



Roger Ludlowe Middle School

Cooling Tower Replacement Project

\$ 400,000.00

Background: Roger Ludlowe Middle School was built in 2003 as a fully air conditioned building that relies on a cooling tower to keep the air conditioning in the building functioning correctly.

Purpose & Justification: The air conditioning in this building has been failing and has cost the district approximately \$35,000.00 in repairs over the last few years. The system is almost to the point of not being repairable, in which case, the buildings' air conditioning systems will not be able to run.

Detailed Description: This expenditure would cover the total cost to remove and replace the building tower along with all piping to and from the tower and the building. Included in this cost are the necessary repairs to the heat exchanger and piping in the boiler room.

Estimated Cost: The cost of this funding request is \$400,000.00. The number for this project was calculated by the engineer of record for this project by using best practices and experience for this type of project. A known cooling tower manufacturing company performed the research.

Long Range Costs: Being all new equipment with a life expectancy of approximately 30-40 years, the only long range cost would be routine maintenance.

Demand on Existing Facilities: This project would reduce the maintenance cost due to the new equipment working better than the existing. This new cooling tower will carry a water treatment contract to help extend the life of the new unit.

Security, Safety, and Loss Control: This project would allow for the maintaining of safety in the building by allowing the buildings HVAC systems to function correctly.

Environmental Considerations: All new equipment will meet all regulatory standards.

Funding, Financing & OSCG&R: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This Project is not eligible for reimbursement through OSCG&R.

Schedule, Phasing & Timing: The schedule for this project is for work to start during the summer recess of 2020 and completed before the return of staff and students.

Other Considerations: This work will be bid out by the Town Purchasing Department and performed by outside professional licensed contractors.

Alternates to The Request: The alternate to this request would be to do nothing. This alternative would continue to add cost to maintain the tower.

Roger Ludlowe Middle School

Cooling Tower Replacement

\$ 400,000.00

Details

Engineer of Record:

VanZelm Engineers
Farmington, CT

Licensed contractor to provide labor and materials

Prepared by:

Per-Town Bid Results

Breakdown:

Engineering Firm

Scope of Services

Data Collection and Field Investigation

Provide Drawings and Specification

Pre-biding Walkthrough

Construction Administrations Services

\$ 13,525.00

Licensed Contractor

Disconnection of All Piping and Wiring of Old Unit

Removal of Old 300 Ton 2 Cell Cooling Tower

Installation of New 300 Ton 2 Cell Cooling Tower

Reconnection of All Piping and Wiring per Manufacturer's Specification

Installation of New Heat Exchanger Unit

Crane and Tools to Perform All Work

\$ 352,500.00

Contingency

\$ 33,975.00

TOTAL

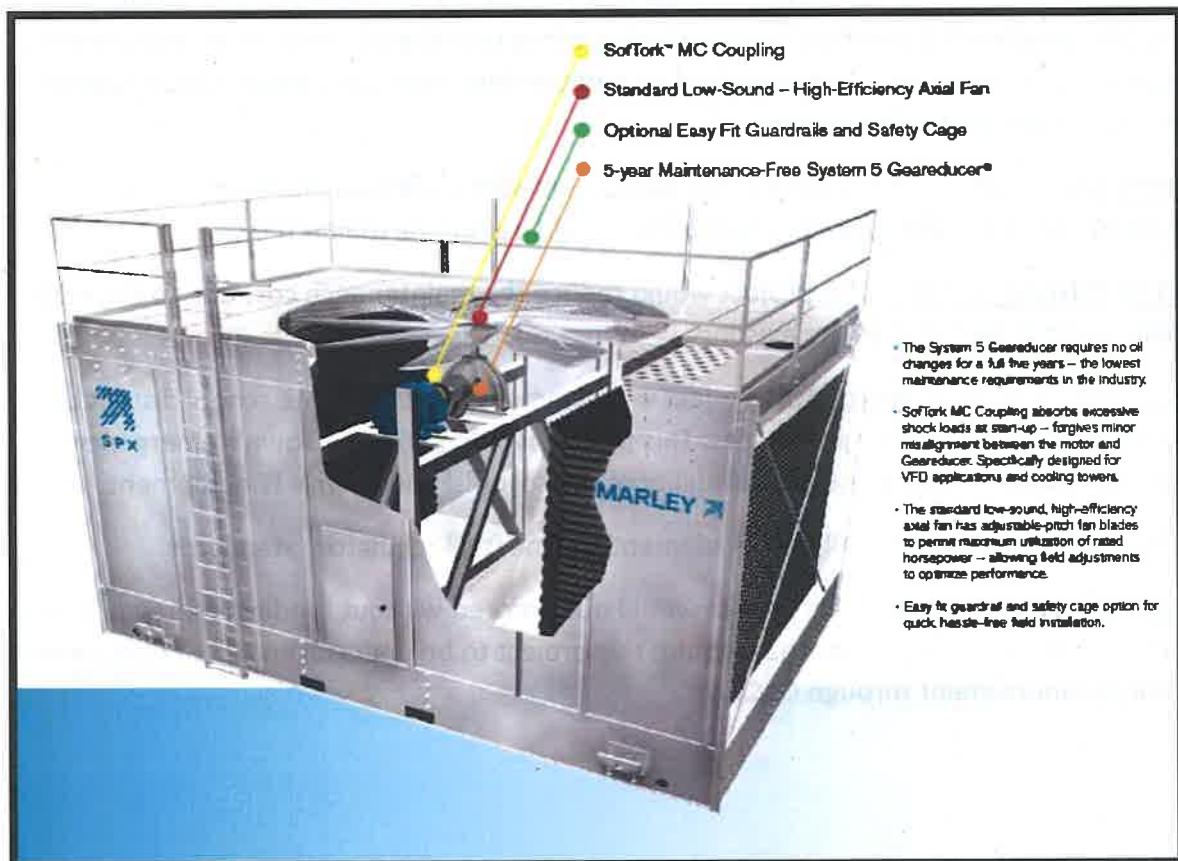
\$ 400,000.00

Roger Ludlowe Middle School Old Cooling Tower





Roger Ludlowe Middle School New Cooling Tower



Fairfield Ludlowe High School

Emergency Generator Replacement

\$ 200,000.00

Background: Fairfield Ludlowe High school is the building that houses our network equipment. This building also serves as an emergency shelter for the Town. Over the last few years, the generator for this building has become unreliable, causing the power to go out during significant weather activities. We have had 14 service calls over the last three years at the cost of approximately \$16,000.00.

Purpose & Justification: The age of this generator (1997) and the gradual discontinuation of replacement parts will prevent repairs in the future. This will cause delays in service and delays in the availability of the building for use as an emergency shelter. Also, the fuel tank that the generator sits on top of is showing signs of wear and tear and is no longer in compliance with new standards for above-ground diesel fuel storage requirements.

Detailed Description: This expenditure would cover the total cost of this project. This would include but not be limited to (1) Professional services to write specifications to allow this project to undergo the bid process (2) Equipment and materials to install a new generator, fluke storage tank, and to remove and properly dispose of the old equipment.

Estimated Cost: The cost of this funding request is \$ 200,000.00. The number was calculated using the best practices established by the industry, along with the guidance of an independent architectural engineering firm. We consulted an independent third party electrical contractor to get estimated pricing on this project.

Long Range Costs: The generator will be new equipment with a life expectancy of approximately 20 years. The only long-range cost would be routine maintenance.

Demand on Existing Facilities: This project would reduce the maintenance cost due to the new equipment working better than the existing.

Security, Safety, and Loss Control: This project would increase safety for the school district by allowing minimal downtime for power loss. This project would make the Town's emergency shelter more reliable and increase the reliability of the schools' and Town's IT equipment.

Environmental Considerations: All new equipment will meet all regulatory standards.

Funding, Financing & OSCG&R: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This Project is not eligible for reimbursement through OSCG&R.

Schedule, Phasing & Timing: The schedule for this project would have all the work completed during the summer recess of 2020.

Other Considerations: This work will be bid out by the Town Purchasing Department and performed by an outside professional licensed contractor.

Alternates to The Request: The alternate to this request would be to do nothing. This alternative would continue to add cost to maintain the existing generator and jeopardize the Town's emergency shelter readiness.

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Fairfield Ludlowe High School

Emergency Generator Replacement

\$ 200,000.00

Details

Engineer of Record:

N/A

Licensed Contractor to Provide Labor and Materials

Prepared by:

FM Generator

Canton, MA

Breakdown:

Licensed Contractor

Furnish and Install New 200 KW Generator With Sound Enclosure

Furnish and Install New 48-hour Fuel Tank

\$ 90,000.00

Removal of Existing Equipment

\$ 40,000.00

Contingency

Exhaust Stack, Pad Modifications, Environmental Remediation

\$ 40,000.00

Other Unforeseen

\$ 30,000.00

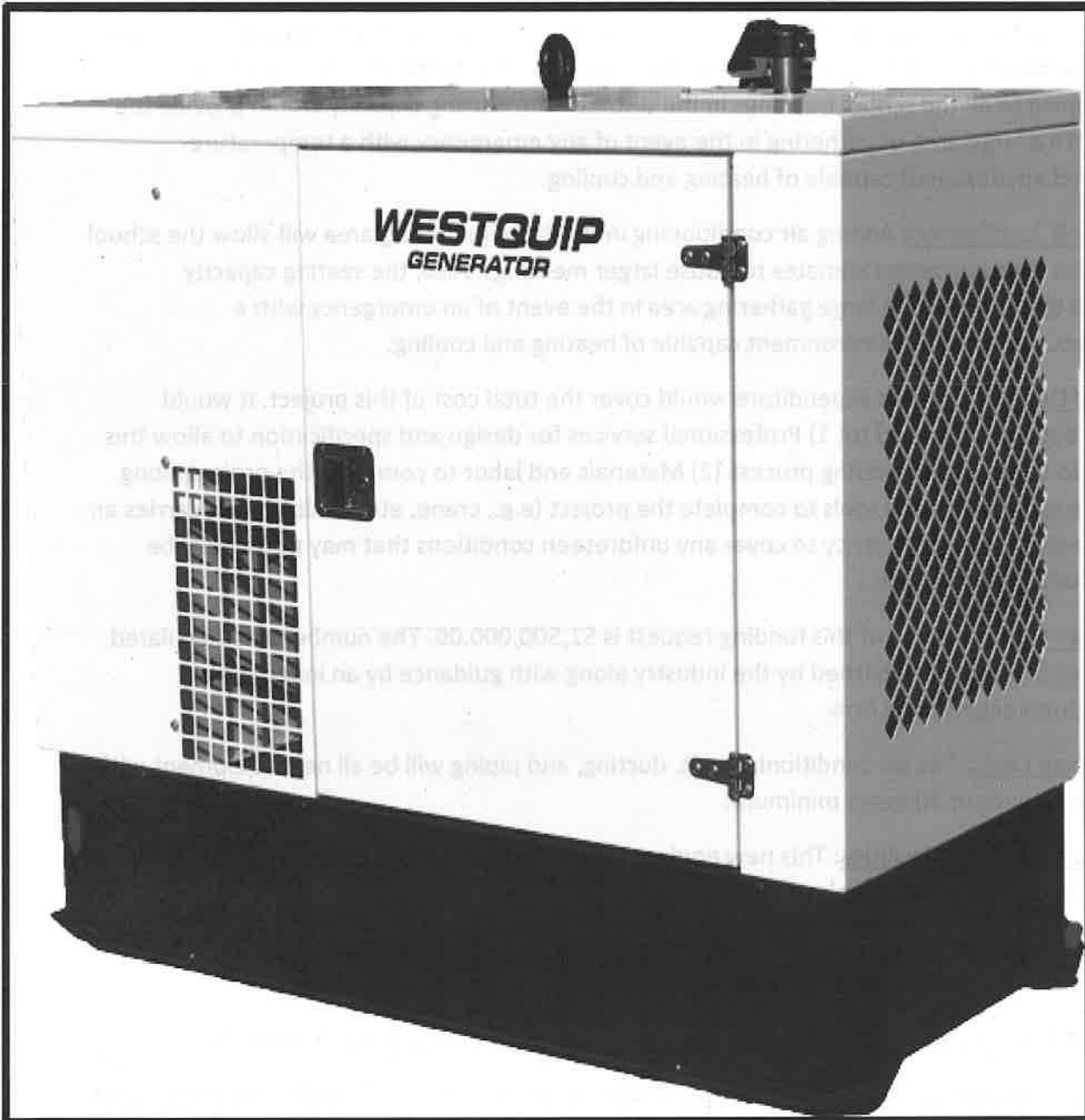
TOTAL

\$ 200,000.00

Fairfield Ludlowe High School Old Generator



Fairfield Ludlowe High School New Generator



Fairfield Warde High School

Cafeteria Air Conditioning Project

\$ 1,500,000.00

Background: Fairfield Warde High School, one of two high schools in town, has a cafeteria with a seating capacity of 532. This project represents a step in the long-term goal of adding air conditioning to all the school buildings in the district. The seating capacity would provide the Town with a large area of gathering in the event of any emergency with a temperature-controlled environment capable of heating and cooling.

Purpose & Justification: Adding air conditioning in this large gathering area will allow the school to use this area in warmer climates to house larger meetings. Also, the seating capacity provides the Town with a large gathering area in the event of an emergency with a temperature-controlled environment capable of heating and cooling.

Detailed Description: This expenditure would cover the total cost of this project. It would include but not be limited to(1) Professional services for design and specification to allow this project to undergo the bidding process (2) Materials and labor to complete the project along with special construction tools to complete the project (e.g., crane, etc.). This project carries an industry-standard contingency to cover any unforeseen conditions that may potentially be found during construction.

Estimated Cost: The cost of this funding request is \$1,500,000.00. The number was calculated using best practices established by the industry along with guidance by an independent architectural engineering firm.

Long Range Costs: The air conditioning unit, ducting, and piping will be all new equipment with a life expectancy of 30-years minimum.

Demand on Existing Facilities: This new equipment would add minimal additional work in the form of maintenance and replacement of wear and tear items.

Security, Safety, and Loss Control: This project would increase safety by allowing a temperature-controlled space for a large gathering.

Environmental Considerations: All new equipment will meet all regulatory standards.

Funding, Financing & OSCG&R: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This Project is not eligible for reimbursement through OSCG&R.

Schedule, Phasing & Timing: The schedule for this project would have all the work completed during the summer recess of 2020.

Other Considerations: This work will be bid out by the Town Purchasing Department and will be performed by outside professional licensed contractors.

Alternates to The Request: The alternative to this request would be to do nothing. This alternative would delay the overall district plan to add air conditioning to all district buildings. It could also make this space unsuitable for town emergency gatherings in warmer months.

20 YEAR

**A RESOLUTION APPROPRIATING \$3,214,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION.**

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Three Million Two Hundred Fourteen Thousand and 00/100 Dollars (\$3,214,000.00) to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the “Projects”), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-12 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Three Million Two Hundred Fourteen Thousand and 00/100 Dollars (\$3,214,000.00) and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the “Committee”) with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of

the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond

anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2 of the Federal Income Tax Regulations, as amended, the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A

TO

**A RESOLUTION APPROPRIATING \$3,214,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	DPW	Transfer Station Renovation	\$250,000
2	DPW	Kings Highway Phase III Design	\$300,000
3	DPW	Senior Center Design	\$100,000
4	DPW	Bronson Road Arch to Box Culvert (D+C)	\$250,000
5	DPW	Storm System Improvements	\$500,000
6	DPW	Rooster River Detention Study	\$320,000
7	DPW	Independence Hall Boiler	\$115,000
8	DPW	Transfer Station Trash Compactors	\$354,000
9	Fire	Fire Station Rehabilitation	\$250,000
10	Park & Rec	Post-Tension Tennis Courts – Tomlinson	\$400,000
	SUBTOTAL NON- RECURRING CAPITAL - TOWN:		\$2,839,000
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
11	FWMS	Elevator Replacement Project	\$175,000
12	FLHS	Emergency Generator Replacement Project	\$200,000
	SUBTOTAL NON- RECURRING CAPITAL - BOE:		\$375,000
	TOTAL NON-RECURRING CAPITAL		\$3,214,000

14-Point Summary

Transfer Station Structural Improvements

\$250,000

1. **Background** – The Fairfield Transfer Station is located on the north side of One Rod Highway (aka Richard White Way). The facility has been in operation for over 40-years during which time only minor repairs to the building have been made to keep the facility operational. For the first 30-years during its operation, the facility was owned by the Connecticut Resources Recovery Authority (CRRA) and operated by Wheelabrator Technologies with a subcontract to Enviroexpress. Any repair or improvements above \$1,000 dollars were the responsibility of CRRA. Title to the facility was transferred to the Town approximately 10-years ago after CRRA was disbanded by State mandate.

The Transfer Station facility consists of a two-story brick building used for municipal waste transfer station activities, a scale house, a truck scale and areas of bituminous concrete and concrete pads used for temporary truck and transfer trailer storage and parking, as well as storage of recycling trailers, and visitor/employee parking. Enviro is currently under contract to operate the solid waste transfer station operations.

The Town is in the process of planning much needed upgrades and improvements to the facility in order to keep the transfer station a safe working environment for staff and residents and to make long needed critical repairs and upgrades to the facility.

2. **Purpose and Justification** – The purpose of the project is to begin to plan for long-term capital projects that are required to secure the building and make much needed repairs and upgrades. Public Works will engage a qualified architect/engineering firm to develop a facility plan and provide design plans to address deficiencies in the existing structure so that repairs and upgrades can be prioritized based on immediate need, safety, and costs over a 3 to 5 year implementation period. This project is not intended to address the need for new compactor at the building. The funding requested is anticipated to be enough to complete the facility plan and address some of the most pressing needs at the building to improve the safety and to secure the building.

3. **Detailed Description of Proposal** –

The project will involve engaging an architect/engineering firm to develop a facility plan to help guide the planning, design, and funding requests for future projects for a 5 to 10 year period. The Department of Public Works anticipates to address several of the most critical capital projects for the transfer station within the first year of the after the approval of the funding and the development of the facility plan. Some of the most critical projects for the facility include but are not limited to the following:

1. Replacement of the overhead doors
2. Replacement of interior metal staircase
3. Replacement of the interior bathrooms
4. Repair or complete replacement of roof

Proposed Budget Breakdown:

Task	Activity	Costs
1	Facility Plan and Architectural Design	\$50,000.00
2	Construction of Immediate Need Projects	\$200,000.00
Total		\$250,000.00

4. **Reliability of Cost Estimate** – On a scale of 0 to 10, the reliability of the estimate at 6.0. The purpose of the project is to develop a long-term facility plan that can be used to guide budgeting for upgrades at the facility over a 3 to 5 year period.
5. **Increased Efficiency or Productivity** – Improvements to the facility will increase the efficiency of the transfer station operations and the time it takes to compact trash. The current condition of the transfer station causes efficiency and productivity issues for the current site contractor.
6. **Additional Long Range Costs** – Additional long range costs will be developed by the architect for the implementation of the future construction project based on the development of the long-range facility plan. The implementation of additional capital projects for the site is anticipated to be performed over a 5 to 10 period.
7. **Additional Use or Demand on Existing Facilities** – The Town anticipates that the use of the facility and the tonnage of MSW received on an annual basis will continue to be relatively constant.
8. **Alternatives to this Request** – The only alternative to this request is to not do anything which will not resolve the existing problems with the transfer station facility.
9. **Safety and Loss Control** – The project would enhance safety and loss control by drastically reducing the risk of injury to employees and residents that use the facility on a daily basis. There are several upgrades that are planned that deal directly with improving safety conditions at the transfer station.
10. **Environmental Considerations** – As part of the architectural design services, a Hazardous Building Materials Investigation will be completed for any of the areas of the building that are proposed to be disturbed as part of any future renovations. Testing will be completed for asbestos, PCBs, and Lead Based Paints which may be disturbed during renovations or improvements.
11. **Insurance** – Any architect or engineer hired to complete the facility plan and any contractor hired to complete renovations will be required to hold liability insurance at the limits requested by the Town Purchasing Agent.
12. **Financing** –Funding for subsequent construction phases will be requested in future Capital Budget requests.
13. **Other Considerations:** The Department will seek cost effective alternatives to reduce the financial impact of construction that may be recommended as a result of the long-term facility plan and architectural design. Furthermore, the Town will look to have the site contractor address some of the smaller projects related to the safety of the facility as required by the contract.

14. Other Approvals:

Board of Selectman – January 2020

Board of Finance – February 2020

RTM – March 2020

TRANSFER STATION CAPITAL IMPROVEMENT PLAN

The Town's 40+ years old transfer station is in need of extensive capital improvements both because of age and because of changed waste and recycling collection, transportation and end use conditions.

- For the first 30 years it was owned by the Connecticut Resources Recovery Authority (CRRA) and operated by Wheelabrator Technologies with a subcontract to Enviroexpress. Any repair or improvement above \$1,000 was the responsibility of CRRA.
- Title was transferred to the Town of Fairfield about ten years ago. Enviroexpress continued to operate the station for the next five years on a waiver of bid.
- In 2019 the operation was bid and Enviroexpress was the only bidder. The contract should be awarded next week.

There have been few capital repairs, replacements or improvements to the Station over 40 years. After a walkthrough with Enviroexpress, Public Works has developed a preliminary assessment of the building, grounds and scalehouse for necessary repairs, etc. They include:

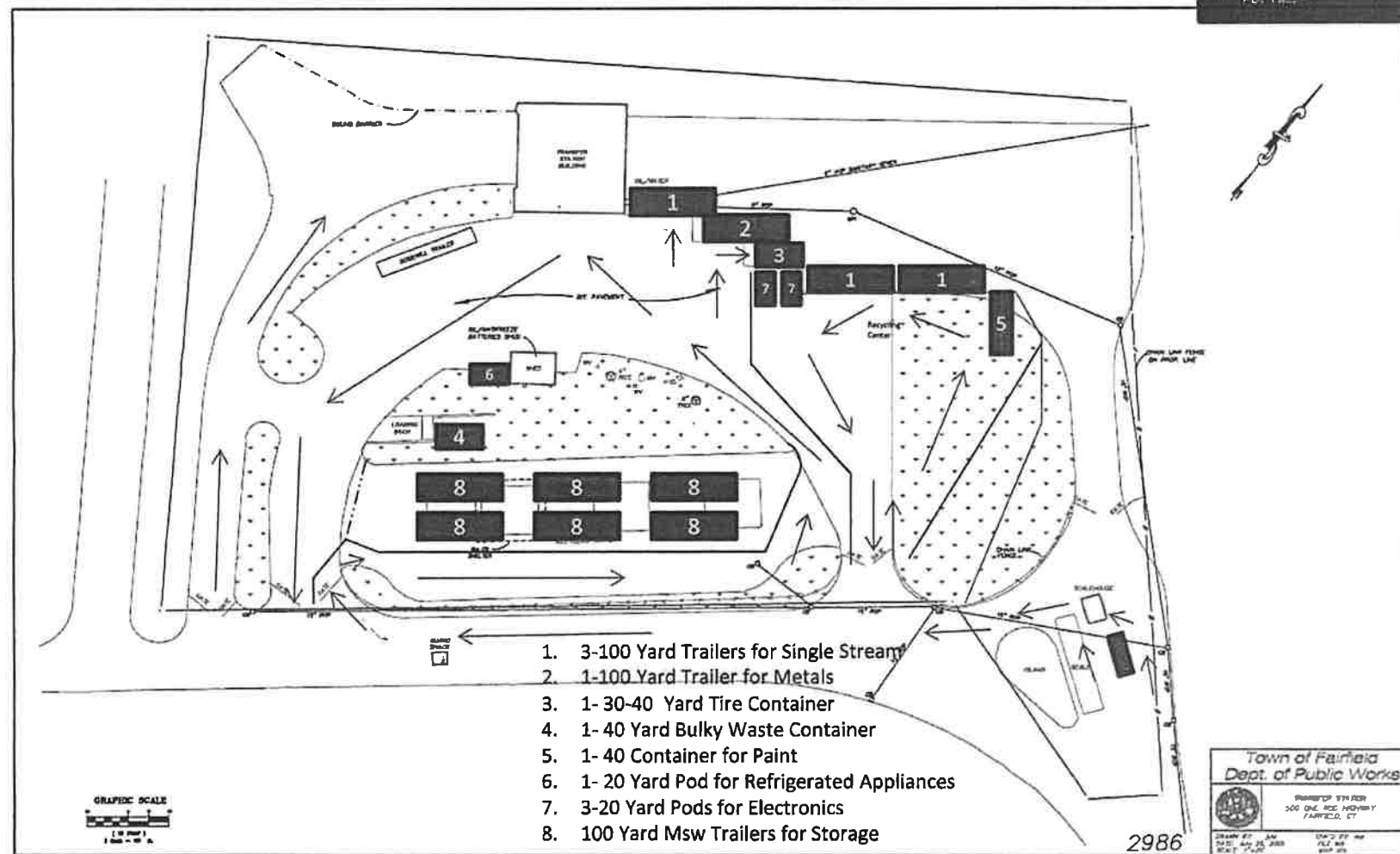
1. Transfer Station Building

- Compactors—New ones installed in 2018 are totally inadequate to handle the amount and sizing of waste delivered. Two larger, heavier duty compactors are required. Estimated cost \$400,000.
- Roof repairs—the lower, slanted roof leaks into the designated office area creating a mold problem. The roof needs to be extended about 20 feet to keep roof runoff and rain from hitting the 100yard refuse trailer at the lower level. Estimated cost \$35,000.
- Doors—The five (5) outside doors are inoperable. They cannot be closed. DEEP permit requires them to be closed every night.
- Interior metal staircase—has rusted from roof leakage and must be replaced
- Bathroom—the old bathroom was removed and never replaced
- Boiler—removed and never replaced
- Lighting—there is no lighting for the tipping floor. During the winter, that can cause visibility and thus safety problems. Public Works will install lights.
- Tipping floor—The concrete has been replaced
- Walls—exterior and interior seem to be structurally sound.

2. Scale House

- The scalehouse was replaced in 20
- The scales and the scale pit were replaced in
- Cameras are needed to be attached to the Transfer Station to provide better visibility to the scale operator of the dumping area above.
- No other improvements are required

Click on Sign to add text and place signature on a PDF file.



TOWN OF FAIRFIELD
BUILDING DEPARTMENT

Ed Bowman from public works ask the Building Department to inspect the town transfer station for code violations.

After my initial inspection (Oct. 7 2019, 2:30 pm) I decided to contact the Fire Marshalls office.

1. The sprinkler alarm panel was in trouble condition. (tamper switch #4)---Enviro
2. Sprinkler valve in closed condition.---Enviro
3. Boiler breaching insulation on main tipping floor cracked and in a condition of failure, must be remediated by appropriate remediation contractor---Town.
4. Overhead roll up door not working in up position must be secured, repaired or taken down.--Town
5. Rubber hoses on floor (tripping hazards) as well as hung from fire protection system must be removed.--Enviro
6. Exit door to rear from main tipping floor unusable. First step down is too steep and access to a public way has been compromised by vegetation and bad grading. Exterior emergency light and regular lighting to be checked--Town.
7. Control buttons for compactors are held in the on position by jamming sticks into the control buttons__Enviro
8. The exit door from main tipping floor to lower level will not close.—Further review
9. The exit enclosure from main tipping floor to lower level is missing sheet rock ceilings, sheet rock ceiling support is unsafe and rusted, the exterior of building is compromised at the exit enclosure.—Further review
10. Emergency lighting at all exits and exit enclosures to be verified by electrical contractor-Enviro.
11. Broken electrical conduits and smashed open electrical boxes thru out building to be repaired and made safe.- Further review
12. Fire Department Connection sine missing from front of building.-Town
13. Main floor control room is uninhabitable, wet floors, no lighting no heat, no safe way out—Further review.
14. Main floor sprinkler deluge system needs trip mechanism on tipping floor as well as at the main sprinkler room.—Further review
15. Signage to be installed on main floor deluge system trip--Enviro.
16. Sprinkler contractor to verify condition of piping systems and jockey pump condition.- Enviro
17. Lower level has open grease pit on floor doors to be replaced—Further review.
18. Heat has been removed from building. No boiler.---Town
19. No running sanitary water for workers to wash. (no hot water)---Town
20. Bath rooms have no running water no heat and no lighting. Unsanitary conditions.--Town
21. No drinking water at building. Water fountain disabled.--Town
22. Gasoline stored in break room to be remover. All fuel burning machinery to be removed and store in a separate facility.---Enviro
23. No heat or water in break room--Town
24. All doors on lower level miss aligned and need repair replacement.—Further review
25. All mechanical doors to be labeled as to specific use.--???

26. All lighting and heating to be checked by contractors for function.--???
27. Toilet sink and urinal to be cleaned and maintained in a sanitary condition--Enviro.
28. Deluge trip control rendered inoperable by ty raps. Remove ty-raps and add signage to indicate emergency deluge trip.---Enviro
29. Oil containment building being used as break room.--Enviro
30. Remove extension cords and add GFCI receptacle to oil containment building as required---Enviro.
31. Safe off and remove all un used electrical feeds and wire from all buildings.--Town
32. Unsafe open wiring on ground at next to old card board box crusher. (remove, make safe)--Town
33. Remove extension cords from building used at card board box crusher. Add GFCI receptacles' as needed. Check lighting and electric heaters for safety.--Town
34. This is not a full assessment of the building code violations. The building must be cleaned and made safe before the Building Department does a full code review.
35. I did not include Handy Cap (ANSI 117.1) code review.

FOURTEEN POINTS OF INFORMATION AND JUSTIFICATION FOR THE
KINGS HIGHWAY PEDESTRIAN IMPROVEMENTS PROJECT PHASE 3 DESIGN
Request \$ 300,000 (TAP) or (LOTICIP) grants.

1. **Background:** The first two sections of the Kings Highway Pedestrian Improvements project are complete. The third phase is currently listed on Transportation Alternates Program (TAP) list undergoing CT DOT review of the grant project. Another grant application has been submitted via the Local Transportation Capital Improvements Program (LOTICIP) to MetroCOG and with their assistance this competitive grant application is also being reviewed by the State. The anticipated Grant timeline is to obtain "grant commitment to fund" in spring 2020, obtain any further Town approvals in Summer 2020, hire consultant based on Town, State and Federal Grant requirements, with final design completed Summer 2021. Construction would occur in 2022 or 2023. The project involves new concrete sidewalks, curbs and medians (assuming DOT requirement). Other improvements consist of pedestrian phase improvements at signalized intersections, ADA compliant ramps, and turf establishment. Current estimates for design are \$ 200,000, with Rights of Way estimated at \$ 40,000, and \$ 60,000 for contingency and unforeseen Federal or State design comments, depending on particular grant awarded. Not related to this request but for informational purposes- construction phase (construction and Inspection, testing) is the \$ 2 Million Dollars range. The Town share for the project will depend on which grant is awarded to the Town.

In order to proceed with the grant project, the First Selectman will need Town approvals and a resolution authorizing approval and the grants and spending For Engineering Design project costs. These Design cost reimbursements will range from 0 % to 80 % depending on the Grant awarded. For Construction phase, the reimbursement can range from 80% to 100 % depending on the grant covering Construction Phase, and Construction Administration including testing and inspection.

After Consultant Selection and later contract bidding, the State will authorize Project Authorization Letters (contract) with the specific details of funding for the project.

2. **Purpose and Justification:** The purpose of the project is to encourage alternative means of transportation in the Tunxis Hill-Kings Highway neighborhoods. Main Construction components are concrete sidewalks, Concrete curbs, ADA compliant Handicap Ramps, investigate bicycle routes and amenities in the area. Also included will be some median improvements (State requirement) to create improved aesthetics and more pedestrian friendly environment. There are several areas of existing sidewalk that are in poor condition and can be considered narrow in many places. Although one can argue about spending local match in tough economic times, in the

very near future (now-couple of years) some of these sidewalks will have to be replaced and eventually (roughly 8-10 year time line) most of the sidewalks will need to be repaired or replaced based on their existing condition. On June 27, 2013, the Town held an informal public meeting to gauge interest in the project's first phase. Over 20 people attended and another 5 responded (via email) favorably to the project. Follow up meetings had another dozen people supporting Phase 2 section in 2016. There were no objections to the project at either meeting. The public and several Town officials have expressed significant interest in the Town expanding project to include the third section from Villa Avenue to Bridgeport and include a southeastern section of Tunxis Hill Cutoff South. The Town has received additional requests in 2018 and 2019 at various meetings and through Q alert system.

3. **Detailed Description of Project:** The original project areas covered Kings Highway (East) from Chamber Street to Villa Avenue. New sidewalks are proposed along both north and south sides of Kings Highway, with median improvements- for better pedestrian access and aesthetics. Bicycle amenities would be included wherever possible. Some sections of sidewalks have cracks and lips which represent potential trip hazards and substandard (or absent of) handicap ramps. This grant will have several phases: Engineering Design, Rights of Way, Construction and Inspection/Testing. The latest proposed funding of the entire project estimated at \$ 2,000,000 has an 80% federal reimbursement component under the federal TAP grant OR 100% lump sum payment component under LOTCIP grant for construction and Inspection phases.
4. **Reliability of Estimated Costs:** Engineering design costs are based on previous design costs for phases 1 and 2. Other projects costs are estimated based on previous contracts but will include a higher inflation factor and contingency to cover any unusual federal or State design requirements. Semi Final Cost estimates have been provided and checked by MetroCOG. Grant funding figures were provided by Chris Faulkner, the State Liaison for the project, Metrocog and Engineering. The costs are considered relatively accurate but there are some unknown costs such as utility relocation, potential Right of Way/ easement costs, subsurface issues, State DOT comments and actual contract bid costs. Final costs will be laid out in the actual contract addendum called the Project Authorization Letter. It will list final project costs, federal funding, state funding and Town share costs.
5. **Efficiencies:** The expenditure is conducive to increase alternate modes of transportation and increasing safety of these modes. From an economic standpoint the proposed cost-sharing program saves the Town most of the costs that would be required should the Town elect to perform this project under its own direction, in the future.
6. **Additional Long Range Costs:** The Town would pay for maintenance costs for the project: sidewalk, pavement markings and signs, etc., which it currently performs

already. Current proposal for the median meets DOT requirements and specifications, hence DOT will continue to maintain. For other aesthetic median designs, State must approve design materials and passes all maintenance onto the Municipality.

7. **Additional Use or Demands:** The project will encourage increased usage of alternate modes of transportation. Providing safer and more pedestrian and bicycling friendly amenities should provide a beneficial impact to the neighborhood. There has been an increase in pedestrian usage with the recently completed sections.
8. **Alternates:** The only alternates are to reduce scope of project or do nothing. Sidewalks not covered in the project, would need to be repaired and replaced by the Town within the next few years with no reimbursement. Most sidewalks would still need to meet DOT requirements as project is located within State Right of Way. It would also hurt chances of getting additional grant funding under this program. Previous success may give us an advantage in future grants.
9. **Safety and Loss Control:** A Consultant will perform continual on site inspections for the construction and installation of the project. It is required that all Local, State and Federal standards, codes and procedures will be enforced.
10. **Environmental Considerations:** No significant environmental impacts are expected.
11. **Insurance:** Town and State Contract procedures require the Contractor to have licenses, bonds and insurance.
12. **Financing:** The project appropriations will be phased to reflect State Funding agreements and Contracts. (Proposal: Engineering Design and Rights of Way for this request) and then (Construction and Inspection/testing). Information and estimates are included so boards have a handle of the entire project. Design phase won't begin until a grant has awarded and agreements are in place.
Project has been on Capital planning (waterfall chart) for a few years.
State/Federal Reimbursements typically are deposited electronically 1-2 months after invoice payment. LOTCIP payment is lump sum paid to Town prior to construction.
13. **Other Considerations:** N/A

14. **Approvals:**

Committees/ Commissions

Approval Date

Board of Selectmen
Board of Finance
R.T.M.

February 2020
March 2020
March 2020

Note- additional approvals will still be required if more grant money becomes available.

Schedule:

Design phase starts Summer/Fall 2020

Right of Way Phase completed Summer 2021.

Final Design Summer 2021

Advertising project Fall 2021/Winter 2022

Project Authorization Letters Spring 2020, Summer 2020 and Spring 2022

Construction 2022/2023

TAP- Federal Reimbursement Grant –pay up front, then reimbursed. second choice

80 % Reimbursement Design (\$ 200,000 to \$ 260,000) to meet Fed/State req. 52 K Town

80 % Reimbursement ROW (\$ 40,000) 8K Town share

For informational purposes, a year or two later.....

80 % Reimbursement Construction (\$ 1.46 M) 292 K Town

80% Reimbursement Inspection (\$ 0.3 M to meet Fed/ State req.) 60K Town

Request to expend up to \$ 300,000 for Design and Right of Way phase.

LOTICIP-State Grant that pays Construction and Inspection costs, pays up front.

0 % Design (\$ 200,000 to \$ 260,000 to meet State req.)

0 % ROW---40,000

100% Construction (\$ 1.46 M) paid to Town prior to construction

100% Inspection (\$ 200-300 K to meet state req.) paid to Town prior to construction

State also pays 10% contingency up front but then caps award.

Request to expend up to \$ 300,000 for Design and Right of Way phase. Town Share up to 300K for these phases but 0 cost share for Construction, Inspection, testing phases.

LOTICIP is the preferred grant, averages about 90 % of project costs vs 80% with TAP.



METROCOG
Connecticut Metropolitan Council of Governments

**Local Transportation Capital
Improvement Program (LOTICIP)
Project Application**

Contact Information: Name, Title, Phone & Email

William Hurley, Fairfield Engineering Manager, whurley@fairfieldct.org

Project Description:

Kings Highway Pedestrian Improvements -Phase 3. This will extend recent pedestrian improvement project (50-218) and extend it eastward from Villa Avenue to B'port City Line. This commercial area experiences a significant amount of pedestrian traffic in this relatively dense neighborhood adjacent to grocery stores, small shopping plazas, neighborhood business district transit stops, residential feeder streets. Existing sidewalks are in poor to fair condition, narrow in sections, with no ramps, while curbs show minimal or no reveal. There are no snow shelves or buffers for pedestrians. New Sidewalks, curbs, ADA ramps will follow the same design as phase 2 of the project.

Project Cost (minimum \$300,000):

estimate 2,000,000

Project Type: (Click Below)

Roadway Geometric Improvement ✓	Stand-Alone Sidewalk Construction	Bicycle/Pedestrian Improvement (includes multi-use trail facilities) ✓	Intersection Improvement
Pavement Structure Improvement	Bridge Rehabilitation/ Replacement	Major Drainage Improvement	Traffic Signal Replacement/ Upgrade/ New Installation/ Coordination ✓

Other: Kings Highway is a state Highway referred to as US Route 1. Both sides of road, from Villa Avenue to Bridgeport City Line.

Project Area (please provide a map or areal detail of the project area and indicate if any portion of on a state road)

Kings Highway is a state Highway referred to as US Route 1. Both sides of road, from Villa Avenue to Bridgeport City Line.

Is the project in or planned to for inclusion in the town's capital plan?

Project has been listed on Capital Projects 5 year plan-waterfall chart. Project is dependent on getting grant, otherwise only minor upgrades of the worst sections will be performed.

Project Design:

Has the design phase been initiated?

No

If no, is adequate design funding secured for this project?

Town can hold special budget meetings to secure funding for design and any non participating costs, if applicable.
The Town has already approved phases 1 and 2 under Transportation Alternates and LOTCIP programs in the past

What is the anticipated design timeline?

If/when awarded, Town would start design process approximately 3 to 6 months later or could wait a little longer if more advantageous to Regional Planning Agency. Sidewalk extensions were brought up twice at two separate

Right of Way:

What type of ROW impacts are expected (State owned, residential, commercial)?

There could be ROW impacts. Luckily there are only a few intersections so number of easements should be relatively small. Town is experienced in performing ROW phase from previous projects (Safe Routes to School

How many parcels are expected to be impacted?

estimated 2-4. Better idea with further investigation.

Are the ROW impacts full takings, partial taking or easements?

Easements only.

Are significant ROW costs anticipated with this project (rough estimate)?

estimated \$ 40,000



Legend

- Proposed
conc. side walls,
curbs, apron
improvements to
meet ADA.

Median
Improvements



1:2,400



400.0 0 200.00 400.0 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere
Created by Greater Bridgeport Regional Council

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION



Kings Highway Pedestrian Improvements - Phase 3 Town of Fairfield TAP Application

Major and Minor Contract Items

[illegible]

A	Major Items Subtotal			\$	807,025
B	Minor Items Subtotal	15	% of Line "A"	\$	121,054
C	Major and Minor Contract Items Subtotal (A + B)			\$	928,079

Other Item Allowances

Clearing and Grubbing (suggested 0.5% - 2%)	1	% of Line "C"	\$ 9,281
M & P of Traffic (suggested 2% - 5%)	4	% of Line "C"	\$ 37,123
Mobilization (suggested 4% - 10%)	5	% of Line "C"	\$ 46,404
Construction Staking (suggested 1% - 2%)	1	% of Line "C"	\$ 9,281

D Other Items Subtotal	\$ 102,089
------------------------	------------

E	CONTRACT SUBTOTAL (C + D)	\$ 1,030,168
---	---------------------------	--------------

Inflation Costs (Simple Method)

Date of Estimate (provide date of estimate)	Sep-19
Anticipated Bid Date (provide anticipated bid date)	Oct-22
Annual Inflation (5% annually, 0% at Final Design)	4%

F	Inflation Subtotal	12.4% of Line "E"	\$ 127,741
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G TOTAL CONTRACT COST ESTIMATE (E + F) (Rounded to nearest \$1000)	\$ 1,158,000
---	---------------------

LOT/CIP Project Costs Summary

Contract Cost Estimate (Line "G")		\$	1,158,000
Contingencies (25% planning level estimate)	25%	\$	289,500
Incidentals (25% planning level estimate)	25%	\$	289,500
ROW	LS	\$	40,000
Utilities	LS	\$	—
Design Phase Engineering Costs	LS	\$	95,000
TOTAL PROJECT COST¹		\$	1,872,000

- inspection
 ?
 ← Too Low (200 k)
 ← 2 M
 with



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Office of the First Selectman
Fairfield, Connecticut 06824

(203) 256-3030
FAX (203) 256-3008

March 20, 2019

Mr. Matthew Fulda
Executive Director, MetroCOG
1000 Lafayette Boulevard, Suite 925
Bridgeport, CT 06604

**Re: Kings Highway Pedestrian Improvements Project Phase 3-Villa Avenue to
Bridgeport City Line**

Dear Mr. Fulda,

The Town of Fairfield is committed to addressing livability principles by improving the efficiency of the transportation network and providing more choice, supporting existing community character, creating complete communities and making investments to ensure this area becomes a healthy, safe, and walkable neighborhood for all residents.

To that end, we are planning on implementing various pedestrian, bicycle (if applicable) and streetscape improvements along the Kings Highway and Tunxis Hill Road neighborhood. These enhancements will enhance pedestrian and bicycle access to the new commuter rail station at the Fairfield Metro Center, transit stops and businesses in the Tunxis Hill-Villa Avenue neighborhoods. The project will greatly improve the safety of anyone walking or bicycling to the new station, transit stops, nearby small businesses, grocery store or pharmacy.

The Town will allocate Town funds and accept federal aid funds under the Transportation Alternatives Program (TAP) to initiate the project, pending Town Board approval. A public information meeting on the planned project will be held Spring, 2019. Because of the fiscal constraints associated with the program, we will be unable to implement all necessary improvements. Instead, the town is developing a realistic implementation plan to construct the most needed and effective elements first.

The Town of Fairfield fully supports the project and is committed to providing the 20% non-federal match of the TAP funds at this time, pending Town Board approval.

If you have any questions or need additional information, please do not hesitate to call me.

-over-

Sincerely,

A handwritten signature in black ink, reading "Michael Tetreau". The signature is written in a cursive, flowing style.

Michael C. Tetreau
First Selectman

cc: Mark Barnhart, Fairfield Community and Economic Development Director
William Hurley, Fairfield Engineering Manager

14-Point Summary

Senior Center Architectural Design

\$100,000

1. **Background** – The existing Oldfield School facility which is currently home to the Town's Senior Center was constructed in 1963. Due to the age of the facility, the structure is in need of renovations to update many of the existing functions for use as the Town's current Senior Center. The building still has bathrooms that were used while building was still a school facility and are antiquated for the senior population that uses the center on a daily basis. The Department of Public Works is requesting funding to complete a review of the facility and develop architectural plans to address some of the most urgent needs of the Senior Center including window replacement, bathroom upgrades, and a hazardous building materials investigation.
2. **Purpose and Justification** – The purpose of the project is to begin to modernize the Senior Center building and to provide much needed upgrades to the buildings infrastructure and make the portions of the building ADA compliant.
3. **Detailed Description of Proposal** –
 - Plan the demolition of trailers behind building and complete design of pickle ball courts.
 - Plan and design a new kitchen.
 - Plan and design new bathrooms that are ADA Compliant
 - Plan and design window replacements
 - Replace Roof top units to get away from R22 coolant.
 - Install more split package A/C units to remove all window units.
 - Complete hazardous building materials investigation.

Proposed Budget Breakdown:

Task	Activity	Costs
1	Planning and Architectural Design	\$100,000.00

4. **Reliability of Cost Estimate** – On a scale of 0 to 10, I would rate the reliability of the estimate at 6.0. The \$100,000 was calculated by comparing the most recent design project, H. Smith Richardson Club House Design for \$250,000. The H. Smith Richardson Club House demolition and design project included a much larger scope of work.
5. **Increased Efficiency or Productivity** – There is no increase in efficiencies or productivity associated with this project.
6. **Additional Long Range Costs** – Additional long range costs will be developed by the architect for the implementation of the future construction project based on the feasibility and architectural plans.

7. **Additional Use or Demand on Existing Facilities** – None Anticipated.
8. **Alternatives to this Request** – The only alternative to this request is to not do anything which will not resolve the existing problems with the Senior Center Building.
9. **Safety and Loss Control** – At this point in time, there are no anticipated safety or loss control aspects of the project since this is a planning and building design project. Future construction
10. **Environmental Considerations** – As part of the architectural design services, a full Hazardous Building Materials Investigation will be completed for any of the areas of the building that are proposed to be disturbed as part of any future renovations. Testing will be completed for Asbestos, PCBs, and Lead Based Paints which may be disturbed during renovations.
11. **Insurance** – Any architect or engineer hired to the feasibility assessment and interior renovation design will be required to hold liability insurance at the limits requested by the Town Purchasing Agent. There is no need for the Town to obtain insurance after the project is completed. The current condition of the facility presents liability to the Town since it is not ADA compliant.
12. **Financing** –Funding for subsequent construction phases will be requested in future Capital Budget requests. The Department of Public Works will look to obtain federal or state grants or CDBG funding to offset the Town side construction costs.
13. **Other Considerations**: The Department will seek cost effective alternatives to reduce the financial impact of construction that may be recommended as a result of this study and architectural design.
14. **Other Approvals**:

Board of Selectman – January 2020

Board of Finance – February 2020

RTM – March 2020

100 MONA TERRACE

Location 100 MONA TERRACE

Mblu 232/ 44/ / /

Acct# 05507

Owner FAIRFIELD TOWN OF

Assessment \$5,874,890

Appraisal \$8,392,700

PID 18584

Building Count 2

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2017	\$5,634,700	\$2,758,000	\$8,392,700
Assessment			
Valuation Year	Improvements	Land	Total
2017	\$3,944,290	\$1,930,600	\$5,874,890

Owner of Record

Owner FAIRFIELD TOWN OF

Sale Price \$0

Co-Owner

Certificate

Address 725 OLD POST ROAD
FAIRFIELD, CT 06824

Book & Page 0246/0424

Sale Date 01/01/1800

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
FAIRFIELD TOWN OF	\$0		0246/0424	01/01/1800

Building Information

Building 1 : Section 1

Year Built: 1963
Living Area: 41,752
Replacement Cost: \$7,311,606
Building Percent Good: 64
Replacement Cost Less Depreciation: \$4,679,400

Building Photo

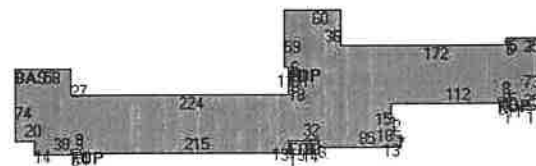
Building Attributes	
Field	Description
STYLE	Senior Center
MODEL	Comm/Ind

Stories:	1
Occupancy	1.00
Exterior Wall 1	Brick/Masonry
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Rubber
Interior Wall 1	Plastered
Interior Wall 2	Minim/Masonry
Interior Floor 1	Carpet
Interior Floor 2	Vinyl/Asphalt
Heating Fuel	Oil
Heating Type	Hot Water
AC Type	06
Struct Class	
Bldg Use	Town of Fairfield C
Total Rooms	
Total Bedrms	00
Total Baths	0
Liv Area	
Effect Area	
1st Floor Use:	9035
Heat/AC	Heat/AC Split
Frame Type	Masonry
Baths/Plumbing	Average



(<http://images.vgsi.com/photos2/FairfieldCTPhotos//\02\04\87\20.jpg>)

Building Layout



(<http://images.vgsi.com/photos2/FairfieldCTPhotos//Sketches/>)

Building Sub-Areas (sq ft)			
Code	Description	Gross Area	Living Area
BAS	First Floor	41,752	41,752
FOP	Porch, Open, Finished	599	0
		42,351	41,752

Building 2 : Section 1

Year Built: 2002
Living Area: 6,509
Replacement Cost: \$920,449
Building Percent Good: 88
Replacement Cost Less Depreciation: \$810,000

Building Attributes : Bldg 2 of 2	
Field	Description
STYLE	Elementary School
MODEL	Comm/Ind
Stories:	1
Occupancy	1.00
Exterior Wall 1	Plywood/T-111

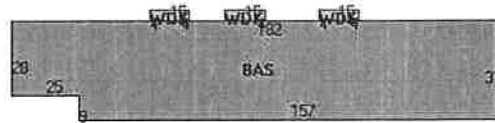
Building Photo



(<http://images.vgsi.com/photos2/FairfieldCTPhotos//default.jpg>)

Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Rubber
Interior Wall 1	Plastered
Interior Wall 2	
Interior Floor 1	Linoleum
Interior Floor 2	
Heating Fuel	Gas
Heating Type	Forced Air-Duc
AC Type	Central
Struct Class	
Bldg Use	Town of Fairfield C
Total Rooms	
Total Bedrms	
Total Baths	
Liv Area	
Effect Area	
1st Floor Use:	
Heat/AC	Heat/AC Pkgs
Frame Type	Wood Frame
Baths/Plumbing	Average

Building Layout



(<http://images.vgsi.com/photos2/FairfieldCTPhotos//Sketches/18>)

Building Sub-Areas (sq ft)			
Code	Description	Gross Area	Living Area
BAS	First Floor	6,509	6,509
WDK	Deck, Wood	180	0
		6,689	6,509

Extra Features

Extra Features				
Code	Description	Size	Value	Bldg #
A/C	AIR CONDITION	4780.00 UNITS	\$9,900	1
SPAN	SOLAR PANELS	510.00 UNITS	\$0	1

Land

Land Use

Use Code 9035
Description Town of Fairfield C
Zone B
Neighborhood C6
Alt Land Appr No
Category

Land Line Valuation

Size (Acres) 12
Depth 0
Assessed Value \$1,930,600
Appraised Value \$2,758,000

Outbuildings

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
SHD1	SHED FRAME			160.00 S.F.	\$2,200	1
FN1	FENCE-4' CHAIN			3600.00 L.F.	\$21,700	1

PAV1	PAVING-ASPHALT			35000.00 S.F.	\$105,400	1
GAZ1	Gazebo			100.00 S.F.	\$2,200	1
SHD1	SHED FRAME			244.00 S.F.	\$3,900	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2018	\$5,634,700	\$2,758,000	\$8,392,700
2017	\$5,634,700	\$2,758,000	\$8,392,700
2016	\$5,634,700	\$2,758,000	\$8,392,700

Assessment			
Valuation Year	Improvements	Land	Total
2018	\$3,944,290	\$1,930,600	\$5,874,890
2017	\$3,944,290	\$1,930,600	\$5,874,890
2016	\$3,944,290	\$1,930,600	\$5,874,890

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Bronson Road Bridge Repair over Brown's Brook = \$250,000 for Construction Repair.

1. **Background** – Bronson Road is a north/south minor arterial road that serves as a commuter route, a local route and provides for access to the Greenfield Hill village. The bridge crossing over Brown's Brook was constructed as a stone masonry arch culvert in 1857 and was widened to the north with a reinforced concrete slab bridge on stone masonry abutments in 1970. The bridge # 050-002 is approximately 8 feet long and 40' in width (out to out), has a 24.6 ft roadway width and grass/gravel sidewalk area on the north(east) side. The bridge has been rated by the Connecticut DOT as being in fair to poor condition and since 2013 and during the most recent inspection in 2016, the bridge has been recommended for repair or replacement. The masonry arch is susceptible to vibrations and there is significant undermining of the embankments at the inlet and outlet. Bridge Project would go out to contract bid.
2. **Purpose and Justification** – The purpose of the project is to repair the bridge based on the latest bridge report from the State and a private consultant. It will allow the Town to perform the much needed planned repair of this structure, thereby extending its service life thirty years or more. It will allow commuter, commercial and general public traffic to access small businesses, the parkways/highways, and local roads in this section of Town. By performing the repair at this time, it will allow the Town to improve condition of the bridge and extend service life. Performing a complete bridge replacement is another alternative but at a larger cost.
3. **Detailed Description of Proposal** – The project includes replacement of the stone masonry arch built in 1857. beam rated in fair to poor condition. The Engineering Department is performing the design of the repair/replacement in house and will provide plans and specifications for contract bid. Local permits are required.
4. **Reliability of Cost Estimate** – Based on recent bridge projects, on a scale of 0 to 10 the reliability of the estimate is 7.5 based on the probability of the bridge remaining open during construction and using a traffic control plan/detour options.
5. **Increased Efficiency or Productivity** – Allow the public and commerce safe and efficient access to and from their homes, businesses and destination points.
6. **Additional Long Range Costs** – The subsequent construction repair of the bridge (anticipated summer 2020 or Spring 2021) is estimated at \$ 250,000. This type of repair/replacement is not eligible for local bridge grant funding, without major design improvements and hydraulic analysis. A more significant repair or complete replace could be available for state funding but costs would be in the \$ 1-2 Million range , with Town share roughly \$ 0.6 Million to 1.1 Million. The bridge should have another 30 year life span before it will need to be rehabilitated or replaced.
7. **Additional Use or Demand on Existing Facilities** – None Anticipated.
8. **Alternatives to this Request** – The Bridge does not meet current bridge standards. If we do nothing, the bridge will eventually have the weight limit reduced that would impact local and commuter traffic, some businesses and could lead to eventual limitations or closure. Another alternate is to perform a complete box culvert replacement, which will cost more money but provide a long service life. (Town could structure this as an add alternate bid to see if this alternative is more economically feasible.
9. **Safety and Loss Control** –Further deterioration of bridge will first limit weights and then could lead to further limitations and then eventual closure. Guiderail/wall approaches will be updated or added as safety features.

10. **Environmental Considerations** – All environmental permits will be secured. Reviews by USACE, CT DEEP may be necessary. Note that a local Fairfield Inland Wetlands permit will be required.
11. **Insurance** – The selected contractor will be required to carry the necessary insurance prescribed by the Purchasing Department.
12. **Financing** – Project will be bonded as part of the Non-Recurring Capital budget of 2020.
13. **Other Considerations**: None.

Other Approvals:

Board of Selectman	-	Jan 2019
Board of Finance	-	Feb 2019
RTM	-	Feb-Mar 2019

Inspection Type: Screening



BRIDGE NO. 050002

26620 - FAIRFIELD

Bronson Road

Over

Browns Brook

Screening Inspection

7/28/16

Inspected by: Greenman-Pedersen, Inc. (GPI)



Connecticut Department of Transportation

Project No.: 0170-3330

Inventory and Screening Form

for

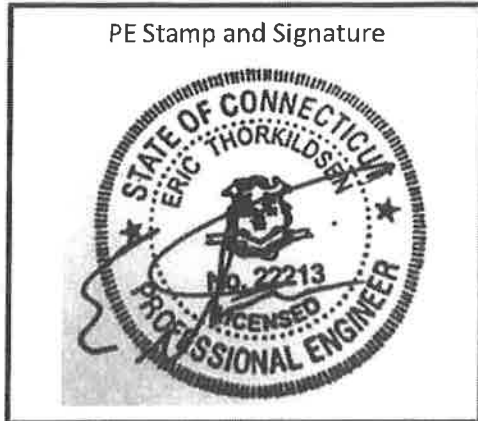
Municipal Bridges Spanning 6 to 20 ft

Town: Fairfield

Bridge No.: 050002

Date of Inspection: 7/28/16

PE Stamp and Signature



Consultant Company: Greenman-Pedersen, Inc.

Inspector: Mark Nyerges, PE

Inspector: Ashley Kocsis

Reviewed by: _____ Date: _____

Inventory Data

Road: Bronson Road

Crossing: Browns Brook

Bridge is located 0.1 miles East from the junction with Hill Farm Road

Is this a border bridge? NO Border Town: _____ Border State: _____

Functional Classification of Roadway: Urban Minor Arterial

Functional Classification Maps

ADT: 6000 ADT Year: 2010 ADT Source: CTDOT

ADT MAPS

(Do not use the ADT from previous 1991 report and do not estimate ADT – if no source, leave fields blank)

Main Span

Bridge Material: Masonry Bridge Type: Culvert (includes frame culverts)

Approach Span

Bridge Material: _____ Bridge Type: _____

NBIS Bridge Length: 8.5 ft Structure Length*: 9 ft

Number of Spans: 1 Span Lengths – Span 1: 8.5 ft Span 2: _____ ft Span 3: _____ ft Span 4: _____ ft

Bridge Width Out-Out**: 40.0 ft Curb-Curb: 25.0 ft

Deck Area * **: 360 sqft Number of lanes on Structure: 2

* Record Measurements to the nearest whole number, all other measurements are recorded to the nearest tenth.

** Under the screening phase of the program, Bridge Width (Out-Out) and Deck Area are not applicable to culverts that are significantly wider than the roadway (i.e. inlet – to – Outlet measurement is significantly greater than the curb – to – curb measurement)

Town Bridges (Span of 20 FT & under)– Inventory and Screening - Field Notes

Town: Fairfield Bridge No.: 050002 Date of Inspection: 7/28/16

Mandatory / Standard Photos

1. Top View 2238
Photo 1 - Looking east across bridge.
2. Elevation View 2229
Photo 2 - South elevation (outlet), stone arch.
3. Under View 2221
Photo 3 - General underside view looking south (downstream), stone arch. Note barrel is flattening.

Additional Photos:

(include any safety concerns of an urgent nature)

4. 2218
General underside of RC slab portion looking south, (downstream)
5. 2219
Local scour hole with fully exposed footing at northeast abutment corner.
6. 2222
General view of voided west stone skewback in the arch section.
7. 2223
General view of voided east stone skewback in the arch section.
8. 2225
Exposed and severely abraded concrete footing along east abutment, typical at west abutment.
9. 2228
A few areas of missing stones along the crown of the arch barrel.
10. 2231
Flattening of arch barrel with vertically displaced stones along crown adjacent to downstream fascia.
11. 2233
Fine cracks and slight settlement beginning above flattened portion of arch barrel.
12. 2234
North elevation (inlet), RC slab.
13. 2235
Split upstream channel due to shoaling. Note the bank scour with severe undercutting.
- 14.

Connecticut Department of Transportation

Project No.: 0170-3330

Inventory and Screening Form

for

Municipal Bridges Spanning 6 to 20 ft

Town: Fairfield

Bridge No.: 050002

Date of Inspection: 7/28/16

Bridge Orientation Sketch

(Select North Arrow and Stream Flow Directions, Indicate Number of Traffic Lanes and add Wingwall/ Abutment Labels)

SW Wing Wall


NW Wing Wall


SE Wing Wall

NE Wing Wall

of Lanes in Direction Indicated: 1

Stream Flow Direction

☐ 

☒ 

☐ N/A (no watercourse)

Abutment Single Barrel

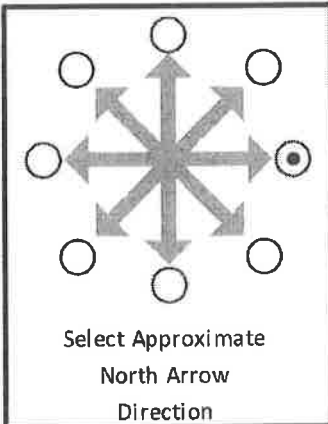
Abutment Barrel

One Lane Alternating Traffic?

YES NO

☐ ☒

Select Approximate North Arrow Direction



Connecticut Department of Transportation

Project No.: 0170-3330

Inventory and Screening Form

for

Municipal Bridges Spanning 6 to 20 ft

Town: Fairfield

Bridge No.: 050002

Date of Inspection: 7/28/16

Screening Data (Limited Inspection)

Previous Inspection Information	YES	NO
Was structure inspected under the previous CDOT project (#170-936)?	<input checked="" type="radio"/>	<input type="radio"/>
Is structure new or significantly modified since last CDOT inspection?	<input type="radio"/>	<input checked="" type="radio"/>
Has the structure been inspected by others since the last CDOT inspection?	<input type="radio"/>	<input checked="" type="radio"/>
Date of last inspection by others: _____		

Inspection Access	N/A	YES	NO
Is there ready access to both sides of bridge (up & downstream)?		<input checked="" type="radio"/>	<input type="radio"/>
Can stream be walked with waders?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Items for full inspection: <input type="checkbox"/> Boat or raft <input type="checkbox"/> Divers <input type="checkbox"/> Ladder <input type="checkbox"/> Tidal <input type="checkbox"/> Low FB <input type="checkbox"/> Confined Space			
Other: _____			

Topside (Bridge and Culvert)	Sat/Better	Fair/Worse
Condition of Topside (overlay, top of deck).	<input type="radio"/>	<input checked="" type="radio"/>
Safety concerns of urgent nature on topside? (include parapets, railing, etc)	NO <input checked="" type="radio"/>	YES <input type="radio"/>

Underside (Bridge)	N/A	Sat/Better	Fair/Worse
Condition of underside of deck	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Condition of superstructure.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Condition of abutments	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Condition of wingwalls	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Safety concerns of urgent nature on underside?	<input checked="" type="radio"/>	NO <input type="radio"/>	YES <input type="radio"/>

Underside (Culvert)	N/A	Sat/Better	Fair/Worse
Condition of roof	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Condition of sidewalls.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Condition of invert	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Condition of wingwalls	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Safety concerns of urgent nature on underside?	<input type="radio"/>	NO <input checked="" type="radio"/>	YES <input type="radio"/>

Channel	N/A	Sat/Better	Fair/Worse
Condition of scour	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Condition of channel	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Alignment of channel	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Adequacy of channel to carry high flow	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Connecticut Department of Transportation

Project No.: 0170-3330

Inventory and Screening Form

for

Municipal Bridges Spanning 6 to 20 ft

Town: Fairfield

Bridge No.: 050002

Date of Inspection: 7/28/16

Screening Data (Continued)

General Assessment

	N/A	Sat/Better	Fair/Worse
58. Deck	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
59. Superstructure	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
60. Substructure	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
61. Channel	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
62. Culvert	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
67. Structural Evaluation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
71. Waterway Adequacy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Safety Items

Was Town notified of any urgent safety concerns by e-mail (with Photos)? NO

Date Town was notified:

Topside: No parapet present on south side of roadway.
No approach guard rail present.
Fine cracking with minor settlement directly above flatted stone arch barrel.

Underside: Footings of concrete abutments are exposed along full length.
Stone arch barrel has flattened with areas of missing and vertically displaced stones along the crown.
Both stone skewback of stone arch is voided throughout.

Channel: Shoaling at upstream causing channel to split into two at inlet.
Bank scour with severe undercutting at both channel banks.
Local scour hole up to 3' deep with fully exposed footing at northeast abutment corner.

General: 8'-6" stone arch (south side); 8'-3" (clear span) RC Slab (north side), no skew.
Stone masonry parapet on north side of roadway.
Stone masonry headwall at upstream and dry stacked headwall at downstream.

Form: Asset Photos
Inspection type: Screening
Inspection Date: 9/14/2016
Inspected by: GPI

Bridge No: 050002

Town: FAIRFIELD
Carried: Bronson Road #1
Crossed: Browns Brook
Inventory Route: 8



Photo Number: 2

Photo Taken: 09/14/2016

South elevation (outlet), stone arch.

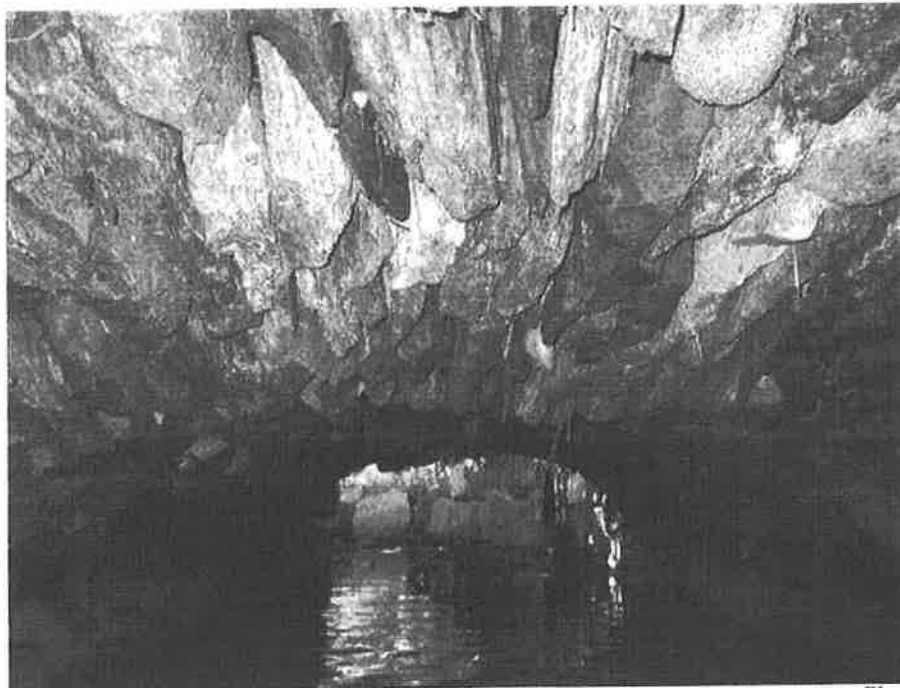


Photo Number: 3

Photo Taken: 09/14/2016

General underside view looking south (downstream), stone arch. Note barrel is flattening.

Form: Asset Photos

Inspection type: Screening

Inspection Date: 9/14/2016

Inspected by: GPI

Bridge No: 050002

Town: FAIRFIELD

Carried: Bronson Road #1

Crossed: Browns Brook

Inventory Route: 8

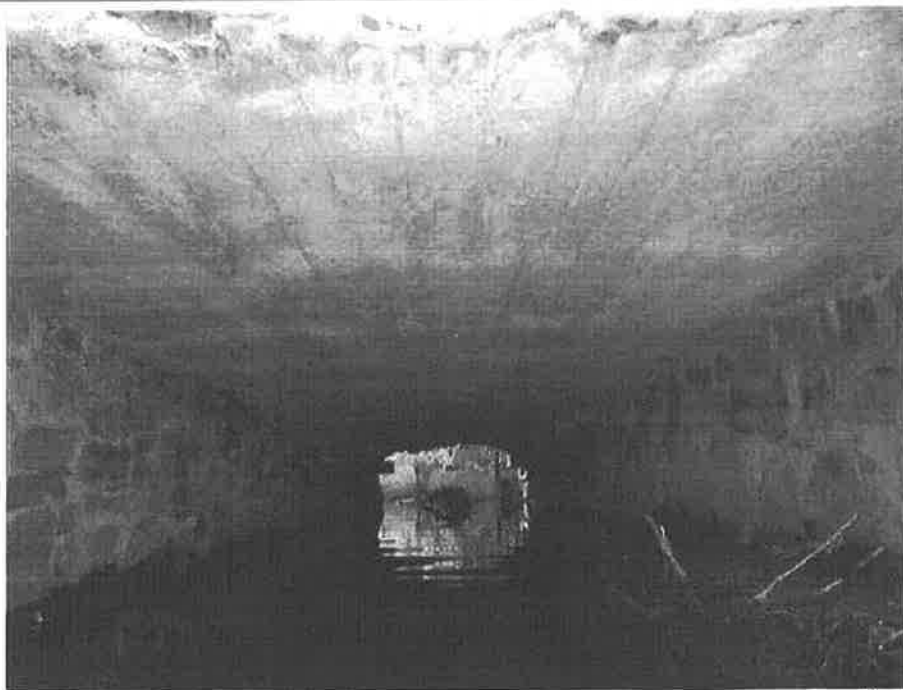


Photo Number: 4

Photo Taken: 09/14/2016

General underside of RC slab portion looking south, (downstream)



Photo Number: 5

Photo Taken: 09/14/2016

Local scour hole with fully exposed footing at northeast abutment corner.

Form: Asset Photos
Inspection type: Screening
Inspection Date: 9/14/2016
Inspected by: GPI

Bridge No: 050002

Town: FAIRFIELD
Carried: Bronson Road #1
Crossed: Browns Brook
Inventory Route: 8

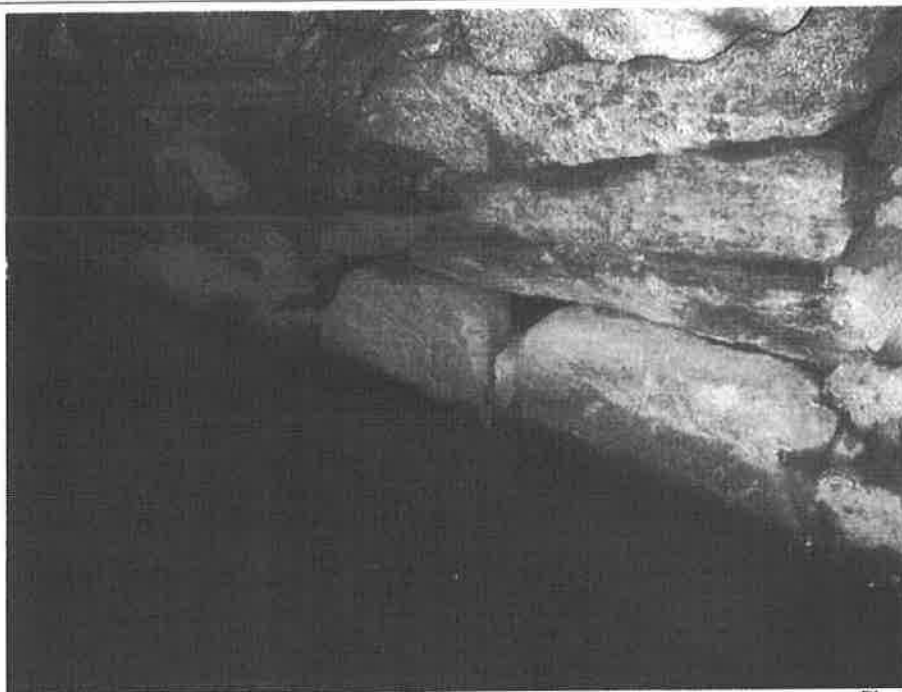


Photo Number: 6

Photo Taken: 09/14/2016

General view of voided west stone skewback in the arch section.



Photo Number: 7

Photo Taken: 09/14/2016

General view of voided east stone skewback in the arch section.

Form: Asset Photos
Inspection type: Screening
Inspection Date: 9/14/2016
Inspected by: GPI

Bridge No: 050002

Town: FAIRFIELD
Carried: Bronson Road #1
Crossed: Browns Brook
Inventory Route: 8



Photo Number: 8

Photo Taken: 09/14/2016

Exposed and severely abraded concrete footing along east abutment, typical at west abutment.

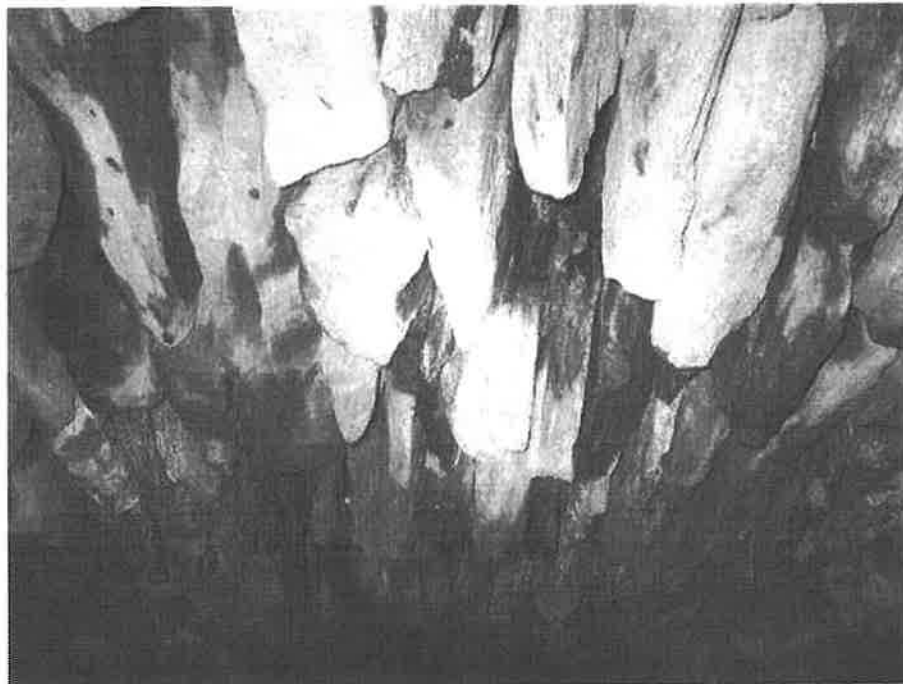


Photo Number: 9

Photo Taken: 09/14/2016

A few areas of missing stones along the crown of the arch barrel.

Form: Asset Photos
Inspection type: Screening
Inspection Date: 9/14/2016
Inspected by: GPI

Bridge No: 050002

Town: FAIRFIELD
Carried: Bronson Road #1
Crossed: Browns Brook
Inventory Route: 8



Photo Number: 10

Photo Taken: 09/14/2016

Flattening of arch barrel with vertically displaced stones along crown adjacent to downstream fascia.



Photo Number: 11

Photo Taken: 09/14/2016

Fine cracks and slight settlement beginning above flattened portion of arch barrel.

Form: Asset Photos
Inspection type: Screening
Inspection Date: 9/14/2016
Inspected by: GPI

Bridge No: 050002

Town: FAIRFIELD
Carried: Bronson Road #1
Crossed: Browns Brook
Inventory Route: 8



Photo Number: 12

Photo Taken: 09/14/2016

North elevation (inlet), RC slab.



Photo Number: 13

Photo Taken: 09/14/2016

Split upstream channel due to shoaling. Note the bank scour with severe undercutting.

Storm System Improvements for various Neighborhoods = \$500,000 for Construction Improvements.

1. **Background** – From the period of 2006-2007 the Town experiences four (4) significant rainfall events that flooded several streets and neighborhoods, it's estimated that 80 areas of Town were significantly affected. Fairfield DPW was able to resolve or improve about 60 % of the complaints within Town resources and a few contracted projects over the next few years. In September and October of 2018 and summer of 2019, several areas in Town experienced more severe and more frequent flooding. Some are the same areas listed in 2007.
2. **Purpose and Justification** – The purpose of the project is to address many neighborhood complaints and reduce flooding potential in certain areas of Town. In some cases, eliminating storm system bottlenecks, increasing pipe sizes, providing more drainage structures, providing more detention areas and resolving natural or utility conflicts would reduce flooding potential and frequency. These improvements could help save homeowners, residents and the Town property damage, improve access and in some cases improve water quality.
3. **Detailed Description of Proposal** – The proposal includes replacement of undersized storm systems, creating detention areas, installing bypass pipes, cleaning channels, removing obstructions and bottlenecks and installing additional drainage structures. Engineering will provide most plans and specifications for DPW in house work and occasional contract bid. Local inland wetland permits are required. Depending on location CT DEEP permits may also be required.
4. **Reliability of Cost Estimate** – Based on recent drainage projects and current cost of materials the reliability of costs on a scale of 0 to 10 is estimated at 7 based on whether DPW performs some of the work or if some of the work is contracted out. Many drainage improvements will involve road reconstruction and depending on utility schedules or paving list, some of the projects may have to include resurfacing the road or lane depending on location. If costs increase, less improvements will be performed at this time and if costs are less than estimated, more neighborhood areas or roadways can be addressed.
5. **Increased Efficiency or Productivity** – Allow the public and commerce safer and more efficient access to and from their homes, businesses and destination points during certain storms. Some of these projects will neutralize future events with more frequent, higher intensity storms, raising tides and aging infrastructure.
6. **Additional Long Range Costs** – There may be no to only slight increased long range costs associated with the project request as many neighborhoods already have existing storm system networks. The additional drainage structures would require some maintenance after installation. Most pipes have a service life of 30 to 80 years.
7. **Additional Use or Demand on Existing Facilities** – Any bypass pipes or detention areas may reduce current demands on existing systems. Any new drainage systems would require additional maintenance but within similar DPW parameters.
8. **Alternatives to this Request** – The Do nothing option does nothing to improve any additional anticipated flooding in the future, will increase resident and homeowner frustration and could result in more damage and potential abandonment of properties. Other options involve performing cost/benefit analysis in determining which areas get constructed, “more bang for the buck” scenarios, helping more residents or properties verses isolated areas, downstream impacts, repetitive flooding, safety access issues. Reducing funding and/or extending funding to include more years etc..
9. **Safety and Loss Control** – Allow the public and commerce safer and more efficient access to and from their homes, businesses and destination points during certain storms. Reducing icing or flooding roadway conditions.

10. **Environmental Considerations** – All projects will investigate environment impacts-loss of wetlands, impacts to watercourses, downstream impacts, higher velocities through pipe networks verses natural channels. Any environmental permits will be secured. Reviews by USACE, CT DEEP may be necessary. Fairfield Inland Wetlands permit will be required for some of the projects.
11. **Insurance** – Any selected contractors will be required to carry the necessary insurance prescribed by the Purchasing Department.
12. **Financing** – Project will be bonded as part of the Non-Recurring Capital budget of 2021.
13. **Other Considerations**: SEVERAL: Solving flooding issues require balancing impacts. Simply increasing pipe sizes may help one neighborhood while casing severe impacts to another neighborhood downstream. In some cases eliminating bottlenecks or containing runoff in the storm system rather than overtopping could result in solving the problem without worsening it downstream. Providing detention usually reduces flooding potential and improves the situation for neighborhoods downstream by holding back runoff and releasing it at a slower delayed flow.
Some homes unfortunately have been built on top of former ponds, streams, natural low points, or floodplains before regulations that flooding improvements are extremely difficult to address.
Note- Separate request for Detention areas along Rooster River are noted in summary for informational purposes.

Other Approvals:

Board of Selectman	-	Jan 2020
Board of Finance	-	Feb 2020
RTM	-	Mar 2020

See following page for some cost estimates:

Rooster River Detention Study –contract plan (Milone & Macbroom Design & Specs) NOT CONSTRUCTION

Waiting for Engineer's proposal= guesstimating:

Tunxis Hill Det area \$ 60K

Sinnot Algonquin \$ 40K

Melville Playground \$ 50 K

Owen Fish park \$ 50 K

Woodfield Village \$ 20K

Fairchild Wheeler \$ 70 K

Construction

Potential Storm System Improvements- Townwide

Street	LF pipe	Structures	Est. Cost	Notes
Algonquin Rd	200	3	25k	Bypass, easement
Algonquin Rd (*)	TBD		276K	separate request
Beechwood Lane	50	2	8 K	icing in roadway
Bennett Street	50-1000		10-500K	Repair-Downstream concerns
Bond St. (stratfield bypass?)	100	3	25K	Repair-Downstream concerns
Brooklawn Pkwy	ret wall		20k	Repair
Bronson Rd (2400-2800)	200-1000	6	10-100K	Easement required?
Catherine Street	30	2	7 K	Flapgate repaired
Cedar Road/Centerbrook	road grad	2	10 K	reestablish leakoff
Cedarhurst Road	0-100	1	10 K-20K	erosion,easement, permit
Centerbrook Place	100	4	15K	Downstream Concerns
Church Hill Road at FWR	30	1	8 K	utility?
Country Road	TBD		TBD	Flooding 2/decade
Donna Drive		1	3 K	invest. Further
Duck Farm West sect	1000	10	110K	req. denied 2010?
Duck Farm East sect	500-1400	6	58-284K	helps Lawrence/Woods End
Fairfield Beach Rd west	TBD		TBD	TG repairs
Fairfield Beach Rd 1355	0-1250	5	100K	can't const w/o raising road
Fairfield Beach Rd 900	200		16K	Leakoff or pipe?
FBR @ Penfield , @ Rowland	TBD		TBD	limited options
Fairfield Woods Rd/ Burroughs		2	6K	road floods
Fairfield Woods Rd/ Burroughs	700	4	82K	Phase 2 to Lemon Ct
Fulling Mill Lane # 149	TBD		TBD	High GW
Green Acre Lane	30	2	8K	
Greenfield Hill Road	400	4	62k	ledge?
Holland Hill Culvert	100	3	300K	2 box culverts, easement
Horseshoe Lane	20	1	5K	
Hurd Street	30	4	15K	bypass cbs
Jennings Rd 1027	150	2	18K	constriction
Lawrence Road	0-1000	9	0-107K	No drainage on street-flat

Little Brook Rd	520	6	65k	wetlands, new pipe
Little Brook Rd/Marion	270	7	43k	Phase 1
Little Brook Rd *			320K	Phase 2 -RR Det request
Lynnbrook Rd*	TBD			RR Det study
Melville Avenue 313	30	1	5k	Tree roots
Mill Hill Terrace		2	6k	
North Street near Mistywood	200	2	22K	
North Cedar Phase 1	60		Done	Completed
North Cedar Phase 2	550	3	59K	
Northfield Road	380	5	53K	4 floods/yr
Old Academy 745	450	4	57K	
Old Dam Road	1500 swale		Done	Cleaned 2019
Old Post Road 661 (St Paul)	500		50K	inspect/clean lines
Old Oaks Road	500	4	62K	
Old South Road	300		24k	8 inch lines
Pine Creek Ave Mclevy TG			20K	excavation, permits
Primrose Lane	160 berm	3	17K	Hill from cascade
Railroad Station -Unquowa	TBD		TBD	See Downtown Green Infr.
Redding Road various	TBD		TBD	low C/B ratio, permits
Reef Road Culvert	40	4	250K	involves excavation-ditch
Rhoda/Carlynn	855	8	100K	
Robert Lane 150	220	3	27K	alt 500', easements?
Rowland Rd 711-753 667 cy	1200 swale		32k	DEEP permits easements
Smedley 66	TBD		TBD	low point, easement?
South Benson/Riverside	1100	6	117K	Phase 1 completed.
South Pine Creek Rd @Bonney	150	2	21K	DEEP permits easements
So. Pine Creek Rd @Salt Mead	220	2	28K	Bypass
So. Pine Creek Rd @Gorham	0-800	4	92K	Risley outlet?
So. Pine Creek Rd @Gorham	2600-3200	14	600K	Long term Solution
Stratfield Rd Bypass	700	4	117K	DOT approval req.
Stevenson Road (Dover pk)	180	1	18K	berm 250'
Stevenson Road acrs Dover pk	30	4	18K	reconfig.
Verna Field Rd Esmt	50		5K	pipe replacement
Verna Field Rd	100	2	14K	Icing

Villa Place/Nordstrom *	TBD		500K	Sep RR Det. Request
Wakeman Lane	450	6 remaining	4K	90% Completed
Weeping Willow Lane	600	5	105K	
Woods End Rd	190	2	35k	permits req.

* SEPARATE phase of Rooster River Detention Projects \$ 1.2- 1.9 M plus design \$320K (total= 2.22 M) includes:
Tunxis park 500K, Sinnott 276K, Melville park 320K, Owen Fish 535K, Woodfield 20K, FCGC 191 K

Cost listed can be reduced about 50% if DPW performs work

Paving =TBD some cases trench others pave 1/2 road, others entire st.

Headwall structures major repair= 16K Burr, Redding,Greenfield Hill, Hoydens

Hurley, William

From: James Murac <JMurac@mminc.com>
Sent: Thursday, January 2, 2020 3:59 PM
To: Hurley, William
Subject: RE: Rooster River Detention Sites-proposal
Attachments: 2019-12-11 ltr comments from town.docx; 2019-12-11 ltr comments from town.docx

Bill,

Per our conversation earlier, please see attached revised draft of the scope of services, edited to reflect the comments you provided. Also attached is a list of those comments with notes in red as to how they were addressed. I also have two questions for you, highlighted in the text below this email in red.

Below is a breakdown of estimated fee ranges for each of the major scope items. . As you noted, the cost estimates for the projects add up to approximately \$1.9M in work (including a \$50k placeholder for Site 6). These are preliminary budgetary ranges for the project prioritization phase, as well as the full design analysis, permitting, and development of construction level plans and specifications for all six projects. Please review and let me know if you have any questions.

Thanks again, talk soon!

Jim

Task 1 – Project Prioritization.....	\$15k – 20k
Task 2 – Site 1 – Tunxis Hill Park.....	\$40k – 50k
Task 3 – Site 2 – Sinnott Property.....	\$30k – 40k
Task 4 – Site 4 – Melville Playground.....	\$40k – 50k
Task 5 – Site 5 – Lieutenant Owen Fish Park.....	\$50k – 60k
Task 6 – Site 6 – Woodfield Village.....	\$15k – 20k
Task 7 – Site 7 – Fairchild Wheeler Country Club.....	\$50k – 60k
<u>Task 8 – Regulatory Permitting Response to Comments.....</u>	<u>\$0k – 20k</u>
.....	\$240 – \$320

From: James Murac
Sent: Thursday, December 19, 2019 2:03 PM
To: Hurley, William <WHurley@fairfieldct.org>
Subject: RE: Rooster River Detention Sites-proposal

Bill,

I wanted to check in with you so you did not think I've forgotten about the Rooster River projects or your comments below. I've looked through them and they seem relatively straight-forward. One comment implied that the Town had sent a followup email containing hydrologic information for Tunxis Hill Park, which we did not receive. Also, does the Town have H&H modeling for the design of the basins at Woodfield Village?

I'm sorry for the delay on our end, we've had a lot of craziness going on here at year-end and it's been impossible to line up schedules with the correct people to get responses together to finalize fees for the scoped items. It's not looking like we will get that finalized before the holiday, but I aim to have something to you early in the new year.

Hope all is well, and I will be in touch soon. Have a great holiday, and thanks again for the opportunity, Bill.



Site 1: Tunxis Hill Park
Rooster River Detention Feasibility Assessment
Fairfield, CT

September 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$26,600	\$26,600
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$3,000	\$3,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$40,000	\$40,000
c. Traffic and Pedestrian Control	L.S.	1	\$5,000	\$5,000
d. Construction Access Roads	L.S.	1	\$2,000	\$2,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	2,000	\$25	\$50,000
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	300	\$75	\$22,500
d. Concrete Junction Chamber	Ea.	2	\$10,000	\$20,000
e. Concrete Pipe (Assume 72-inch)	L.F.	170	\$900	\$153,000
f. Concrete Headwall	L.S.	1	\$5,000	\$5,000
4. Site Restoration				
a. Restore Athletic Field, Topsoil and Seed	Ac	1	\$25,000	\$25,000
b. Repair Bituminous Concrete	SY	100	\$30	\$3,000
c. Convert Construction Access to Maintenance Access Road	SY	400	\$10	\$4,000

Subtotal = \$391,600

+25% Contingency \$97,900

TOTAL \$489,500

ROUNDED TOTAL \$500,000

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. Assumes existing 72-inch RCP to remain is in good condition and suitable for reuse.
5. No costs for land acquisition or easements have been included.



Site 2: Sinnott Property at Villa Ave
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$14,700	\$14,700
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$6,000	\$6,000
d. Strip and Stockpile Topsoil	L.S.	1	\$1,000	\$1,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$5,000	\$5,000
b. Water Control / Cofferdamming	L.S.	1	\$5,000	\$5,000
c. Traffic and Pedestrian Control	L.S.	1	\$1,000	\$1,000
d. Construction Access Roads	L.S.	1	\$1,000	\$1,000
3. Drainage System Improvements				
a. Remove and Dispose of Existing Storm Pipe	L.F.	1,000	\$10	\$10,000
b. Remove and Dispose of Existing Concrete Junction Chamber	Ea.	1	\$1,500	\$1,500
c. Construct New Stream Channel	L.F.	450	\$75	\$33,750
d. Concrete Storm Drain Pipe (Assume 24-inch)	L.F.	500	\$200	\$100,000
e. Replace Existing Catch Basins	L.S.	1	\$5,000	\$5,000
f. Repair Bituminous Concrete	S.Y.	25	\$30	\$750
4. Site Restoration				
a. Constructed Wetland	L.S.	1	\$25,000	\$25,000
b. Topsoil and Seed	Ac.	1	\$10,000	\$10,000
Subtotal =				\$221,200
+25% Contingency				\$55,300
				\$276,500

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Property acquisition or easement costs not included.
4. Costs for assessment or replacement of Villa Avenue culvert not included.
5. Assumes no underground utility conflicts are encountered.
6. No costs for land acquisition or easements have been included.



Site 4: Melville Playground
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$17,500	\$17,500
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$3,000	\$3,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$20,000	\$20,000
c. Traffic and Pedestrian Control	L.S.	1	\$5,000	\$5,000
d. Construction Access Roads	L.S.	1	\$2,000	\$2,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	3,500	\$25	\$87,500
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	150	\$75	\$11,250
d. Walking Path / Seating Area on Berm	L.S.	1	\$4,000	\$4,000
4. Drainage System Improvements				
a. Catch Basins	Ea.	3	\$2,500	\$7,500
b. Concrete Storm Drain Pipe (Assume 30-inch)	L.F.	150	\$250	\$37,500
5. Site Restoration				
a. Restore Athletic Field, Topsoil and Seed	Ac	1	\$25,000	\$25,000
b. Repair Bituminous Concrete	SY	100	\$30	\$3,000
Subtotal =				\$255,750
+25% Contingency				\$63,938
				\$319,688

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. No costs for land acquisition or easements have been included.



Site 5: Owen Fish Park
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$28,000	\$28,000
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$1,000	\$1,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$60,000	\$60,000
c. Traffic and Pedestrian Control	L.S.	1	\$10,000	\$10,000
d. Construction Access Roads	L.S.	1	\$1,000	\$1,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	1,500	\$25	\$37,500
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	300	\$75	\$22,500
d. Concrete Pipe at Basin Outlet (Assume 72-inch)	L.F.	120	\$900	\$108,000
4. Drainage System Improvements				
a. Catch Basins	Ea.	3	\$2,500	\$7,500
b. Concrete Storm Drain Pipe (Assume 30-inch)	L.F.	150	\$250	\$37,500
c. Athletic Field Underdrain System	L.S.	1	\$30,000	\$30,000
5. Site Restoration				
a. Restore Athletic Field, Topsoil and Seed	Ac	1	\$25,000	\$25,000
b. Repair Bituminous Concrete	SY	100	\$30	\$3,000
c. Constructed Wetland	L.S.	1	\$25,000	\$25,000
Subtotal =				\$428,500
+ 25% Contingency				\$107,125
				\$535,625

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. No costs for land acquisition or easements have been included.



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Engineering Department

(203) 256-3015
FAX (203) 256-3080

SITE 6

Involves Woodfield Village

- adjustments to existing detention structures
- easement or agreement w/ Woodfield Village
- slight adjustment of fill/excavation?

est. \$ 20 K



Site 7: Fairchild Wheeler Country Club
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$11,200	\$11,200
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$3,000	\$3,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$5,000	\$5,000
c. Traffic and Pedestrian Control	L.S.	1	\$2,000	\$2,000
d. Construction Access Roads	L.S.	1	\$5,000	\$5,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	1,000	\$25	\$25,000
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	200	\$75	\$15,000
d. Walking Path / Seating Area on Berm	L.S.	1	\$4,000	\$4,000
4. Drainage System Improvements				
a. Catch Basins	Ea.	3	\$2,500	\$7,500
b. Concrete Storm Drain Pipe (Assume 30-inch)	L.F.	50	\$250	\$12,500
5. Site Restoration				
a. Restore Area as Rough / Constructed Wetland Feature	L.S.	1	\$25,000	\$25,000
b. Raise and Reconstruct Bit. Conc. Golf Cart Path	L.S.	1	\$5,000	\$5,000
Subtotal =				\$152,700
+25% Contingency				\$38,175
				\$190,875

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. Does not consider costs for additional sites in golf course where detention may be feasible.
5. No costs for land acquisition or easements have been included.

Rooster River Detention Area Study = \$320,000 for Design, plans and specifications for 6 locations.

1. **Background** – In 2006, 2007 and 2018 the Rooster River overflowed its banks and flooded several streets and neighborhoods. For a few neighborhoods flooding occurred even more frequent. After holding a handful of neighborhood meetings, Fairfield DPW hired a consultant to perform a preliminary hydrologic study of the Rooster River watershed with concept designs at 7 strategic locations. This current study concentrated on potential detention sites along the Rooster river watershed that would provide some relief for property and homeowners within the watershed. The report recommended improvements at 6 locations.
2. **Purpose and Justification** – The purpose of the project is to address many neighborhood complaints and reduce flooding potential within the Rooster River watershed. In most cases, holding back stormwater runoff through detention reduces the flow rate and reduces the amount of flooding for areas downstream that should benefit most property and homeowners. These improvements could help save homeowners, residents and the Town property damage, improve access and in some cases improve water quality.
3. **Detailed Description of Proposal** – The proposal includes hydrologic analysis, design, plans, specifications and contract bid documents for construction of these detention areas. In some cases, excavation will be required and in most cases a berm or dike will be constructed the “hold back the water” and to limit environmental impacts. Local inland wetland permits are required. Depending on location, CT DEEP and US Army Corps of Engineers permits will be required. After additional public meetings, design completion and final cost estimate proposal, projects will go out to bid and funding will have to be secured for construction through the Town’s budget process.
4. **Reliability of Cost Estimate** – Based on a proposal by the Consultant project design ranges from \$ 240,000 to \$ 320,000, depending on final scope selected. See attached proposal. Many drainage improvements will involve Town or private property owner approvals.
5. **Increased Efficiency or Productivity** – Design will allow for a better understanding of hydrologic conditions. Assuming construction, project will allow the public and commerce safer and more efficient access to and from their homes, businesses and destination points during certain storms.
6. **Additional Long Range Costs** – None for design. Assuming construction, there will be some minor increased long range costs associated with the project request as detention areas will require general maintenance such as debris cleaning, with berms/dikes seeded and performing annual inspections. The additional drainage structures would require some maintenance after installation. Most pipes and drainage outlet structures have a service life of 30 to 80 years.
7. **Additional Use or Demand on Existing Facilities** – Assuming construction, any bypass pipes or detention areas may reduce current demands on existing systems. Any new drainage systems would require additional maintenance and inspection but within typical DPW workload duties.
8. **Alternatives to this Request** –The Do nothing option does nothing to improve any additional anticipated flooding in the future, will increase resident and homeowner frustration and could result in more damage and potential abandonment of properties. Other options involve performing cost/benefit analysis in determining which areas get constructed, “more bang for the buck” scenarios, helping more residents or properties verses isolated areas, downstream impacts, repetitive flooding, safety access issues. Reducing funding, or phasing of design and/or construction projects could be an option pending Town Officials and public comment during public meetings.

9. **Safety and Loss Control** – Assuming construction, Allows the public and commerce safer and more efficient access to and from their homes, businesses and destination points during certain storms. Reducing flooding property and roadway conditions. Design must include hydrologic analysis to analyze downstream impacts.
10. **Environmental Considerations** – All projects will investigate environment impacts-loss of wetlands, impacts to watercourses, downstream impacts, higher velocities through pipe networks verses natural channels. Any environmental permits will be secured. Reviews by USACE, CT DEEP may be necessary. Fairfield Inland Wetlands permit will be required for some of the projects.
11. **Insurance** – The Consultant will be required to carry the necessary insurance prescribed by the Purchasing Department.
12. **Financing** – Project will be bonded as part of the Non-Recurring Capital budget of 2021.
13. **Other Considerations**: SEVERAL: Solving flooding issues require balancing impacts. Simply increasing pipe sizes may help one neighborhood while causing severe impacts to another neighborhood downstream. Providing detention usually reduces flooding potential and improves the situation for neighborhoods downstream by holding back runoff and releasing it at a slower delayed flow.
Unfortunately some homes were been built on top of former ponds, streams, natural low points, or within floodplains before regulations were established. For these areas, flooding improvements are extremely difficult to address, however the severity of the flooding should be lessened.
The Town will continue to work with Bridgeport, Trumbull and MetroCOG in applying for any potential grants or working together to address this multi-municipal problem. Also note, proposed locations are specific to Fairfield with exception of Fairchild Wheeler Golf Course. Bridgeport has a few detention area improvements they have been working on such as increasing storage at Ox Brook Pond (dam repair) at Elton Rogers Park and Svihra Park . The Town hopes to continue to work cooperatively with Bridgeport using the debris removal project and tri party agreement with the City and Mt. Laurel cemetery and the Town as an example.

Other Approvals:

Board of Selectman	-	Jan 2020
Board of Finance	-	Feb 2020
RTM	-	Mar 2020

See following page for some cost estimates:

Rooster River Detention Study –contract plan (Milone & Macbroom Design & Specs) NOT CONSTRUCTION

Waiting for Engineer's proposal=estimated ranges:

Task 1 –Project prioritization 15-20K

Tunxis Hill park Det area \$ 40-50K

Sinnot Algonquin \$30- 40K

Melville Playground \$ 40- 50 K

Owen Fish park \$ 50-60 K

Woodfield Village \$ 15- 20K

Fairchild Wheeler \$ 50-60 K

Permitting Responses 0-20K

Design estimate 240-320K range

Construction-see separate list

Hurley, William

From: James Murac <JMurac@mminc.com>
Sent: Thursday, January 2, 2020 3:59 PM
To: Hurley, William
Subject: RE: Rooster River Detention Sites-proposal
Attachments: 2019-12-11 ltr comments from town.docx; 2019-12-11 ltr comments from town.docx

Bill,

Per our conversation earlier, please see attached revised draft of the scope of services, edited to reflect the comments you provided. Also attached is a list of those comments with notes in red as to how they were addressed. I also have two questions for you, highlighted in the text below this email in red.

Below is a breakdown of estimated fee ranges for each of the major scope items. . As you noted, the cost estimates for the projects add up to approximately \$1.9M in work (including a \$50k placeholder for Site 6). These are preliminary budgetary ranges for the project prioritization phase, as well as the full design analysis, permitting, and development of construction level plans and specifications for all six projects. Please review and let me know if you have any questions.

Thanks again, talk soon!

Jim

Task 1 – Project Prioritization.....	\$15k – 20k
Task 2 – Site 1 – Tunxis Hill Park.....	\$40k – 50k
Task 3 – Site 2 – Sinnott Property.....	\$30k – 40k
Task 4 – Site 4 – Melville Playground.....	\$40k – 50k
Task 5 – Site 5 – Lieutenant Owen Fish Park.....	\$50k – 60k
Task 6 – Site 6 – Woodfield Village.....	\$15k – 20k
Task 7 – Site 7 – Fairchild Wheeler Country Club.....	\$50k – 60k
<u>Task 8 – Regulatory Permitting Response to Comments.....</u>	<u>\$0k – 20k</u>
.....	\$240 – \$320

From: James Murac
Sent: Thursday, December 19, 2019 2:03 PM
To: Hurley, William <WHurley@fairfieldct.org>
Subject: RE: Rooster River Detention Sites-proposal

Bill,

I wanted to check in with you so you did not think I've forgotten about the Rooster River projects or your comments below. I've looked through them and they seem relatively straight-forward. One comment implied that the Town had sent a followup email containing hydrologic information for Tunxis Hill Park, which we did not receive. Also, does the Town have H&H modeling for the design of the basins at Woodfield Village?

I'm sorry for the delay on our end, we've had a lot of craziness going on here at year-end and it's been impossible to line up schedules with the correct people to get responses together to finalize fees for the scoped items. It's not looking like we will get that finalized before the holiday, but I aim to have something to you early in the new year.

Hope all is well, and I will be in touch soon. Have a great holiday, and thanks again for the opportunity, Bill.



Site 1: Tunxis Hill Park
Rooster River Detention Feasibility Assessment
Fairfield, CT

September 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$26,600	\$26,600
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$3,000	\$3,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$40,000	\$40,000
c. Traffic and Pedestrian Control	L.S.	1	\$5,000	\$5,000
d. Construction Access Roads	L.S.	1	\$2,000	\$2,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	2,000	\$25	\$50,000
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	300	\$75	\$22,500
d. Concrete Junction Chamber	Ea.	2	\$10,000	\$20,000
e. Concrete Pipe (Assume 72-inch)	L.F.	170	\$900	\$153,000
f. Concrete Headwall	L.S.	1	\$5,000	\$5,000
4. Site Restoration				
a. Restore Athletic Field, Topsoil and Seed	Ac	1	\$25,000	\$25,000
b. Repair Bituminous Concrete	SY	100	\$30	\$3,000
c. Convert Construction Access to Maintenance Access Road	SY	400	\$10	\$4,000

Subtotal = \$391,600

+25% Contingency \$97,900

TOTAL \$489,500

ROUNDED TOTAL \$500,000

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. Assumes existing 72-inch RCP to remain is in good condition and suitable for reuse.
5. No costs for land acquisition or easements have been included.



Site 2: Sinnott Property at Villa Ave
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$14,700	\$14,700
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$6,000	\$6,000
d. Strip and Stockpile Topsoil	L.S.	1	\$1,000	\$1,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$5,000	\$5,000
b. Water Control / Cofferdamming	L.S.	1	\$5,000	\$5,000
c. Traffic and Pedestrian Control	L.S.	1	\$1,000	\$1,000
d. Construction Access Roads	L.S.	1	\$1,000	\$1,000
3. Drainage System Improvements				
a. Remove and Dispose of Existing Storm Pipe	L.F.	1,000	\$10	\$10,000
b. Remove and Dispose of Existing Concrete Junction Chamber	Ea.	1	\$1,500	\$1,500
c. Construct New Stream Channel	L.F.	450	\$75	\$33,750
d. Concrete Storm Drain Pipe (Assume 24-inch)	L.F.	500	\$200	\$100,000
e. Replace Existing Catch Basins	L.S.	1	\$5,000	\$5,000
f. Repair Bituminous Concrete	S.Y.	25	\$30	\$750
4. Site Restoration				
a. Constructed Wetland	L.S.	1	\$25,000	\$25,000
b. Topsoil and Seed	Ac.	1	\$10,000	\$10,000
Subtotal =				\$221,200
+ 25% Contingency				\$55,300
				\$276,500

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Property acquisition or easement costs not included.
4. Costs for assessment or replacement of Villa Avenue culvert not included.
5. Assumes no underground utility conflicts are encountered.
6. No costs for land acquisition or easements have been included.



Site 4: Melville Playground
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$17,500	\$17,500
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$3,000	\$3,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$20,000	\$20,000
c. Traffic and Pedestrian Control	L.S.	1	\$5,000	\$5,000
d. Construction Access Roads	L.S.	1	\$2,000	\$2,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	3,500	\$25	\$87,500
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	150	\$75	\$11,250
d. Walking Path / Seating Area on Berm	L.S.	1	\$4,000	\$4,000
4. Drainage System Improvements				
a. Catch Basins	Ea.	3	\$2,500	\$7,500
b. Concrete Storm Drain Pipe (Assume 30-inch)	L.F.	150	\$250	\$37,500
5. Site Restoration				
a. Restore Athletic Field, Topsoil and Seed	Ac	1	\$25,000	\$25,000
b. Repair Bituminous Concrete	SY	100	\$30	\$3,000
Subtotal =				\$255,750
+25% Contingency				\$63,938
				\$319,688

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. No costs for land acquisition or easements have been included.



Site 5: Owen Fish Park
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$28,000	\$28,000
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$1,000	\$1,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$60,000	\$60,000
c. Traffic and Pedestrian Control	L.S.	1	\$10,000	\$10,000
d. Construction Access Roads	L.S.	1	\$1,000	\$1,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	1,500	\$25	\$37,500
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	300	\$75	\$22,500
d. Concrete Pipe at Basin Outlet (Assume 72-inch)	L.F.	120	\$900	\$108,000
4. Drainage System Improvements				
a. Catch Basins	Ea.	3	\$2,500	\$7,500
b. Concrete Storm Drain Pipe (Assume 30-inch)	L.F.	150	\$250	\$37,500
c. Athletic Field Underdrain System	L.S.	1	\$30,000	\$30,000
5. Site Restoration				
a. Restore Athletic Field, Topsoil and Seed	Ac	1	\$25,000	\$25,000
b. Repair Bituminous Concrete	SY	100	\$30	\$3,000
c. Constructed Wetland	L.S.	1	\$25,000	\$25,000
			Subtotal =	\$428,500
			+25% Contingency	\$107,125
				\$535,625

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. No costs for land acquisition or easements have been included.



Town of Fairfield

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Fairfield, Connecticut 06824
Engineering Department

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FAX (203) 256-3080

SITE 6

Involves Woodfield Village

- adjustments to existing detention structures
- easement or agreement w/ Woodfield Village
- slight adjustment of fill/excavation?

est. \$ 20 K



Site 7: Fairchild Wheeler Country Club
Rooster River Detention Feasibility Assessment
Fairfield, CT

August 2019
MMI No. 1342-28
By: JCM

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COSTS

Engineer's Opinion of Construction Costs based upon Concept Design Plan PR-1B, Dated August 21, 2019

No. Item	Unit	Quantity	Unit Cost	Cost
1. Construction Site Preparation and Maintenance				
a. Mobilization	L.S.	1	\$11,200	\$11,200
b. Construction Staking	L.S.	1	\$1,500	\$1,500
c. Clear and Grub	L.S.	1	\$3,000	\$3,000
d. Strip and Stockpile Topsoil	L.S.	1	\$2,000	\$2,000
2. Temporary Construction Facilities				
a. Maintenance of Sediment & Erosion Controls	L.S.	1	\$4,000	\$4,000
b. Water Control / Pumping	L.S.	1	\$5,000	\$5,000
c. Traffic and Pedestrian Control	L.S.	1	\$2,000	\$2,000
d. Construction Access Roads	L.S.	1	\$5,000	\$5,000
3. Detention Basin				
a. Place and Compact Impervious Core Berm	C.Y.	1,000	\$25	\$25,000
b. Concrete Outlet Control Structure	Ea.	1	\$25,000	\$25,000
c. Construct New Stream Channel	L.F.	200	\$75	\$15,000
d. Walking Path / Seating Area on Berm	L.S.	1	\$4,000	\$4,000
4. Drainage System Improvements				
a. Catch Basins	Ea.	3	\$2,500	\$7,500
b. Concrete Storm Drain Pipe (Assume 30-inch)	L.F.	50	\$250	\$12,500
5. Site Restoration				
a. Restore Area as Rough / Constructed Wetland Feature	L.S.	1	\$25,000	\$25,000
b. Raise and Reconstruct Bit. Conc. Golf Cart Path	L.S.	1	\$5,000	\$5,000
			Subtotal =	\$152,700
			+ 25% Contingency	\$38,175
				\$190,875

Notes and Assumptions:

1. Design, permitting, and construction administration costs not included.
2. Assumes no environmental contamination encountered during excavation work.
3. Assumes no underground utility conflicts are encountered.
4. Does not consider costs for additional sites in golf course where detention may be feasible.
5. No costs for land acquisition or easements have been included.

Carpenter, Jennifer

From: Donald Hyman <dwej61@aol.com>
Sent: Wednesday, January 29, 2020 5:26 PM
To: Brown, James
Cc: BOF; Hurley, William
Subject: BOF Feb. 5 meeting comment-D. Hyman
Attachments: 9-25-18 427pm.JPG; 9-6-18 533pm.jpg; 8-19-19.JPG

Mr. James B. Brown, Chairman
Fairfield, Ct. Board of Finance

Greetings:

I was pleased to learn from First Selectwoman Brenda Kupchick that the Board of Selectmen on Jan. 21, 2020 approved non-recurring capital expenditures that would include, among other items, repairing the defective storm sewer drain system for Northfield Road. I was also pleased to learn from William Hurley, town engineering manager, (copied) that this item will be reviewed and voted on at the Board of Finance's Feb. 5 meeting.

The defective storm drain problem has resulted in periodic, potentially dangerous flooding conditions here on Northfield Road after the very heavy rains we are increasingly experiencing.

As this item will soon be before you and the full Board of Finance, we urge you to approve it.

The problem has long history. Most recently, Northfield Road has flooded at least three times in 2018 and 2019 and was temporarily impassable, creating a safety risk for our personal vehicles or for town emergency vehicles. Photograph validation is on file with the Town. Please see the attached examples.

My wife Wendy and I support efforts by Engineer Hurley and the Fairfield Engineering Department to update and improve the outdated and defective storm sewer drain system on Northfield Road so that our neighborhood is safe and our homes are protected from flood damage and mold as much as possible. I am told by Engineer Hurley that the system requires a larger diameter pipe, correction of reverse pitch, removal of obstructions within the pipe and other improvements.

Thanks very much for recognizing this problem and acting to address it by approving the related budget expenditure. I understand the measure additionally requires RTM approval before planning advances to action.

Kindly confirm you have received this message.

Sincerely,

Donald R. Hyman
61 Northfield Road
Fairfield, CT 06824



Carpenter, Jennifer

From: Valerie Daniels <vdaniels7777@gmail.com>
Sent: Thursday, January 30, 2020 8:13 AM
To: Hurley, William
Cc: Leamon, Scott; Mary Jo Schmitt; Rick Daniels Office
Subject: Fwd: Flooding: 893, 877 South Pine Creek rd
Attachments: IMG_1447.jpg; IMG_1446.jpg; IMG_1445.jpg; IMG_1444.jpg; IMG_1443.jpg

Bill & Scott,

Thank you for your time yesterday. I appreciated hearing from you the new ideas for fixing the flooding issues in front of 877 & 893 South Pine Creek Rd. As you can see from the attached photos this is a very significant problem for us and our properties.

I want to support your efforts to appeal for any additional approvals and/or money needed to pursue your ideas and would like to attend the meeting next Wednesday (2/5). Please let me know where it is being held.

Please feel free to use these photos if helpful in any way.

Thank you,
Valerie Daniels
877 South Pine Creek Rd
203-240-4280

----- Forwarded message -----

From: Valerie Daniels <vdaniels7777@gmail.com>
Date: Sun, Oct 27, 2019 at 2:27 PM
Subject: Flooding: 893, 877 South Pine Creek rd
To: William Hurley <whurley@fairfieldct.org>, <sleamon@fairfieldct.org>, Mary Jo Schmitt <maryjoschmitt@gmail.com>, <lpulie@fairfieldct.org>, ICE Dad    <rdaniels@bartlett.com>

Bill & Scott, Laura

Please find pictures of the flooding due to the rain today (Sunday).

We are seriously considering getting a lawyer involved because we cannot continue to have this kind of flooding on our properties and in our HOMES over and over again.

Please advise on who next to contact. This has got to be resolved, or at the very least a real plan needs to be in place to fix this.

Please remember, the town created this problem when they tried to fix the road.

Valerie & Rick Daniels
203-240-4280



Carpenter, Jennifer

From: Jennifer Clement <jenniferclement@att.net>
Sent: Thursday, January 30, 2020 8:43 AM
To: Hurley, William
Subject: Re: Rooster river

Good morning Bill,

As suggested, I am following up on any pending meeting regarding the Rooster River. Is there a date set yet?

Thank you,
Jennifer

On Tuesday, January 7, 2020, 9:43:32 AM EST, Hurley, William <whurley@fairfieldct.org> wrote:

I am scheduling an internal meeting with the new First Selectwoman and her staff next week. Then from there will have a public meeting (Feb ?) or request for funding going through the Town boards, which would be open to the public. Maybe check with me at the end of January, if you don't hear from me sooner. Thanks, Bill

William Hurley P.E.
Engineering Manager
Fairfield Engineering Department
725 Old Post Road
Fairfield CT 06824
p 203-256-3015

-----Original Message-----

From: Jennifer Clement <jenniferclement@att.net>
Sent: Tuesday, January 7, 2020 9:28 AM
To: Hurley, William <WHurley@fairfieldct.org>
Subject: Rooster river

Good morning Bill,

Is there any date set on the river meeting yet?

Thank you,
Jennifer

Sent from my iPhone

Carpenter, Jennifer

From: Warren Lapa <warren@apalco.com>
Sent: Wednesday, January 29, 2020 8:29 PM
To: Hurley, William
Subject: RE: Rhoda Ave

Bill,

Thanks for the response and additional detail.

I will be out of town on that date, to whom do you recommend we send an email/letter to support prioritization of Rhoda/Beach area improvements?

Thanks,

Warren Lapa
warren@apalco.com
(m) 203.644.3753

From: Hurley, William
Sent: Wednesday, January 29, 2020 2:11 PM
To: Warren Lapa
Cc: Robert Altschuler (ra@robertaltschuler.com) ; margheimb@earthlink.net
Subject: RE: Rhoda Ave

Board of Finance meeting –Wed Feb 5 at 7:30 Osborn Hill School. If you can make it great, if not an email support letter would still help. Thanks, Bill

Real quick estimate of beach area would be 20%, South of the Post Road over 33%, maybe 40%. Other areas are South Benson, Stratfield, Grasmere Area, Greenfield Hill, northern sections, Southport, Rooster River tributaries. The amount we are seeking is only a first step, we won't be able to solve or mitigate the 50-60 roads/neighborhoods that experienced flooding.

William Hurley P.E.
Engineering Manager
Fairfield Engineering Department
725 Old Post Road
Fairfield CT 06824
p 203-256-3015

From: Warren Lapa <warren@apalco.com>
Sent: Tuesday, January 28, 2020 1:18 PM
To: Hurley, William <WHurley@fairfieldct.org>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>; margheimb@earthlink.net
Subject: RE: Rhoda Ave

Thanks Bill. Again, very helpful. We would definitely like to know when the meeting is taking place.

Out of curiosity, of the "town-wide" storm system improvements and the \$500K funding, what percentage of that is for the beach area?

Best,
W

Warren Lapa
warren@apalco.com
(m) 203.644.3753

From: Hurley, William <WHurley@fairfieldct.org>
Sent: Tuesday, January 28, 2020 12:18 PM
To: Warren Lapa <warren@apalco.com>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>; margheimb@earthlink.net
Subject: RE: Rhoda Ave

Engineering is in the process of requesting funding for Storm system improvements. I can let you know when the Board Of Finance meeting is and if you can attend. If not, could include letter or email supporting the request for \$500,000 of Town wide storm system improvements. Thanks, Bill

William Hurley P.E.
Engineering Manager
Fairfield Engineering Department
725 Old Post Road
Fairfield CT 06824
p 203-256-3015

From: Warren Lapa <warren@apalco.com>
Sent: Tuesday, January 28, 2020 11:03 AM
To: Hurley, William <WHurley@fairfieldct.org>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>; margheimb@earthlink.net
Subject: Re: Rhoda Ave

Hi Bill,
Thanks for the clarification.
Rhoda Ave has waited years for these vital improvements. If there is anything the neighbors and town leadership can do to prioritize these critical improvements to a high taxpayer community please let us know.
Best,

Warren Lapa
warren@apalco.com
203.644.3753

On Jan 28, 2020, at 8:56 AM, Hurley, William <WHurley@fairfieldct.org> wrote:

The gas company installed the main gas line but still has work on connections and disconnections. The "older" line is still active until the complete switchover, as this is where the new storm line is going. The time line really hasn't changed from our discussion in the fall. DPW construction also involves raising road (not in original proposal), installing catch basins and new storm line which requires better weather construction. I can provide updates when available. Thanks, Bill

William Hurley P.E.
Engineering Manager
Fairfield Engineering Department

725 Old Post Road
Fairfield CT 06824
p 203-256-3015

From: Warren Lapa <warren@apalco.com>
Sent: Monday, January 27, 2020 7:43 PM
To: Hurley, William <WHurley@fairfieldct.org>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>;
margheimb@earthlink.net
Subject: RE: Rhoda Ave

Thanks for the response Bill.

It appears the timeline has gotten pushed out from our discussion in September despite the fact that SCG has completed its work. Any reason why this got delayed to the Spring?

Do we need to have a meeting with Brenda if that's the hold up?

Best,

Warren Lapa
warren@apalco.com
(m) 203.644.3753

From: Hurley, William <WHurley@fairfieldct.org>
Sent: Monday, January 27, 2020 4:37 PM
To: Warren Lapa <warren@apalco.com>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>;
margheimb@earthlink.net
Subject: RE: Rhoda Ave

I met with DPW foreman on site in December and went over some specifics of the project, raising the road roughly 6 inches in the area of the catch basins to provide some positive drainage flow, avoid new gas main and installing the new storm drain along sections of Rhoda and Carlynn to Beach Road. I am hoping to meet with utilities, mainly Gas Company in February to go over their proposed schedule. I will also meet with new DPW Supervisor and DPW Director (pending) in February to give them updates on the project. I am also trying to secure additional funding (if needed) for this and other storm system projects in Town, later in February and March. I would like to hold another meeting/gathering in March to update the core neighborhood. Thanks, Bill

William Hurley P.E.
Engineering Manager
Fairfield Engineering Department
725 Old Post Road
Fairfield CT 06824
p 203-256-3015

From: Warren Lapa <warren@apalco.com>
Sent: Sunday, January 26, 2020 7:52 PM
To: Hurley, William <WHurley@fairfieldct.org>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>;
margheimb@earthlink.net
Subject: RE: Rhoda Ave

Hi Bill,
Hope all is well.
Can we get an update on the Town's progress relative to the plan and timeline you laid out for us last year?
Thank you,

Warren Lapa
warren@apalco.com
(m) 203.644.3753

From: Warren Lapa
Sent: Wednesday, September 18, 2019 1:58 PM
To: Hurley, William <WHurley@fairfieldct.org>
Cc: Robert Altschuler (ra@robertaltschuler.com) <ra@robertaltschuler.com>; Chris O'Dell <chris@OLIVINGEXP.COM>; Tetreau, Mike <MTETREAU@fairfieldct.org>; margheimb@earthlink.net
Subject: RE: Rhoda Ave

Hi Bill,
I received this and your email correcting my email address, thank you.
Appreciate you coming by this morning and reviewing the plan with some of the residents of Rhoda Ave. Understanding that there is a longer term plan, we appreciate everything the town can do along with the Utilities to accelerate the timeline for the interim fixes you discussed. Many of us have contended with flooding for so many years, so the Town's focus on remediation and a long term solution is greatly appreciated.
Please keep us posted on progress and any changes to the plan or the timeline, good news is always welcome.
Best,
W

Warren Lapa
warren@apalco.com
(m) 203.644.3753

From: Hurley, William <WHurley@fairfieldct.org>
Sent: Wednesday, September 18, 2019 11:56 AM
To: Warren Lapa <warren@apalco.com>
Subject: FW: Rhoda Ave

Not sure if you received email ? See below.

William Hurley P.E.
Engineering Manager
Fairfield Engineering Department
725 Old Post Road
Fairfield CT 06824
p 203-256-3015

From: Hurley, William
Sent: Wednesday, September 18, 2019 11:05 AM
To: 'Kevin Antisdale' <kevin.antisdale@gmail.com>

Cc: Tetreau, Mike <MTETREAU@fairfieldct.org>; Milt Hallas <milt.hallas@bbdo.com>; Rich Brodsky <brodsr@gmail.com>; Wendy Kaplan <kampmanwendy@hotmail.com>; Kaczegowicz, George <GKaczegowicz@fairfieldct.org>; Carey, Brian <BCarey@fairfieldct.org>; warren@copalco.com; nanci johnson <luvsun26a@aol.com>; maugheimb@earhlink.net
Subject: RE: Rhoda Ave

Kevin and neighbors, I discussed paving with Brian Carey and George K. -hot mix asphalt paving (with binder and top course) will be provided when Town and utility projects are completed. (not oil and stone/chip seal or microseal).

As discussed at field meeting, DPW will begin some of the drainage work this fall, in locations where project doesn't have to wait for gas company service connections.

Next week, I will discuss project again with utilities at the quarterly meeting. Thanks, Bill

William Hurley P.E.

Engineering Manager

Fairfield Engineering Department

725 Old Post Road

Fairfield CT 06824

p 203-256-3015

From: Kevin Antisdale <kevin.antisdale@gmail.com>

Sent: Wednesday, September 18, 2019 10:31 AM

To: Hurley, William <WHurley@fairfieldct.org>

Cc: Tetreau, Mike <MTETREAU@fairfieldct.org>; Milt Hallas <milt.hallas@bbdo.com>; Rich Brodsky <brodsr@gmail.com>; Wendy Kaplan <kampmanwendy@hotmail.com>;

Kaczegowicz, George <GKaczegowicz@fairfieldct.org>; Carey, Brian

<BCarey@fairfieldct.org>; warren@copalco.com; nanci johnson <luvsun26a@aol.com>;

maugheimb@earhlink.net; Kevin Antisdale <kevin.antisdale@gmail.com>

Subject: Re: Rhoda Ave

"Carey, Brian" <BCarey@fairfieldct.org>

On Thu, Aug 15, 2019 at 4:25 PM Carey, Brian <BCarey@fairfieldct.org> wrote:

Kevin,

We are meeting with Southern Connecticut Gas early next to determine how much work they still need to complete on the project. As soon as Southern Connecticut Gas is done, DPW is going to come and begin working on the drainage pipe which will take a couple of weeks. We are hoping to have the area mill and paved shortly after DPW is done with the drainage work. I can provide you with a more accurate timeframe after we meet with the gas company to see how much longer than will be working in the area to complete their project. We could be out there as soon as the end of next week.

Best regards,

Brian Carey, Conservation Director
Sullivan Independence Hall, Second Floor
725 Old Post Road
Fairfield, CT 06824
203-256-3071

If you need to print this email or any attachments, reuse and recycle the paper.

Current Weather

[https://www.weatherlink.com/embeddablePage/show/39a644bf3dd64b778eba901c1c3bd0aa/sig
nature](https://www.weatherlink.com/embeddablePage/show/39a644bf3dd64b778eba901c1c3bd0aa/signature)

From: Kevin Antisdale <kevin.antisdale@gmail.com>
Sent: Thursday, August 15, 2019 6:39 AM
To: Carey, Brian <BCarey@fairfieldct.org>; Hurley, William <WHurley@fairfieldct.org>
Cc: Tetreau, Mike <MTETREAU@fairfieldct.org>; Milt Hallas <milt.hallas@bbdo.com>;
Rich Brodsky <brodsr@gmail.com>; Wendy Kaplan <kampmanwendy@hotmail.com>
Subject: Fwd: Rhoda Ave

Gentlemen:

I am forwarding you a series of emails pertaining to commitments made to residents of Rhoda Avenue to correct a serious flooding issue we have struggled with for many years. After years of discussions, photographs documenting the issue and inspections by the public works department, we were presented with the plan outlined in Joe Michelangelo's email below of October 3, 2018.

Given the unfortunate recent events within this department we would like to make sure that this project will still happen and that the corrective actions as stated will still take place in the very near future. Some of the activities planned required Southern CT Gas to complete its gas line replacement project on Rhoda Avenue and Carlyn Drive. Carlyn is finished and Rhoda Avenue is currently in progress so that part of the equation is well under way. If you could provide us with an update and current timeline for the remainder of this project it would be greatly appreciated.

Thank you

Kevin Antisdale

104 Rhoda Avenue

Fairfield

203 526 0977

Sent from my iPad

Begin forwarded message:

From: "Michelangelo, Joseph" <JMichelangelo@fairfieldct.org>

Date: October 3, 2018 at 3:40:47 PM EDT

To: "'Hallas, Milt'" <Milt.Hallas@bbdo.com>, Kevin
<kevin.antisdale@gmail.com>, Wendy Kampman
<kampmanwendy@hotmail.com>

Cc: First Selectman FFLD <firstselectmanffld@fairfieldct.org>, Rich Brodsky
<brodsr@gmail.com>, "Bartlett, Scott" <SBartlett@fairfieldct.org>, "Leamon,
Scott" <SLeamon@fairfieldct.org>, "Kaczegowicz, George"
<GKaczegowicz@fairfieldct.org>

Subject: **RE: Rhoda Ave**

Approximately 6 weeks ago, myself and other members of my Department followed the entire drainage route from the outlet at the South Benson Marina to the intersection of Carlynn/Rhoda, we inspected every manhole and pipe. We have identified the following improvement to alleviate the problems on Rhoda.

1. We will replace approximately 800' of drainage pipe the runs from Carlynn/Rhoda to Beach/Carlynn. This will replace the 1930's era pipe, it will be larger, and have a uniform slope (the current pipe has poor pitch and sags).

2. We will reconfigure three manholes (Carlynn/Beach, Beach/Pilgrim, Pilgrim/Colonial) to make the water flow more efficiently through these bends. This will require working in conjunction with

Aquarion Water Company to relocate their water mains in these areas. We have had an initial meeting with Aquarion on this, and will be following up.

3. The Southern Connecticut Gas Company has tentatively scheduled the replacement of the low pressure gas mains with high pressure gas mains on Rhoda for Summer 2019. As part of the aftermath of this work, there will be an opportunity to do some re-grading of Rhoda to change the pitch and help the water to get out of the area.

Please note that some of the back yards are currently lower than the road, so it will not alleviate those issues. Also, from our inspections, the drainage system only drains approximately 2hrs before low tide, and 2 hours after it. At other times the water level in Long Island Sound restricts the flow out of the system. The measures above will not solve all problems, but will greatly improve things.

Doing #1 above is the first measure. I will get you a time frame on that, and also on the manhole work.

Thanks, Joe

From: Hallas, Milt [mailto:Milt.Hallas@bbdo.com]
Sent: Wednesday, October 03, 2018 12:59 PM
To: Kevin; Michelangelo, Joseph; Wendy Kampman
Cc: First Selectman FFLD; Rich Brodsky
Subject: Re: Rhoda Ave

I feel like I should offer my opinion on this. I reached out for help over one year ago and we are still at square one. I was told there were budget issues. It's been a whole year - we still have budget issues? I would like to request a date as to

when this will be addressed. Our road and families are not safe. My daughters car couldn't make it down the road and the rest of us were prisoners in our own home last night.

Can we please get a date when this will be addressed? If there are no dates, then please just tell us. Silence isn't an answer. We deserve the same rights as our neighbors.

Regards,

Milt

Get Outlook for Android

From: Wendy Kampman

Sent: Wednesday, October 3, 12:20 PM

Subject: Re: Rhoda Ave

To: Kevin, Michelangelo, Joseph

Cc: First Selectman FFLD, Hallas, Milt, Rich Brodsky

Hi Kevin, Joe,

I just came home from a business trip and have seen nothing alike!

All our gardens are complete swimming pools! It does not seem to drain at all.

Must have been quite the storm last night..

Wendy

Van: Kevin <kevin.antisdale@gmail.com>

Verzonden: woensdag 3 oktober 2018 06:20

Aan: Michelangelo, Joseph

CC: First Selectman FFLD; Milt Hallas; Rich Brodsky; Wendy Kaplan

Onderwerp: Re: Rhoda Ave

Joe - please include Rich and Wendy (ccd above) on any updates you send. By the way the pooling from last nights rain stretches from Norcliff to Carmen

Tortora's House and is 10 inches deep. Kids have to navigate this to get to school. Kids on Eunice won't even get their shoes wet.

Please keep us informed of the start date for the plans you discussed.

Kevin

Sent from my iPhone

On Sep 13, 2018, at 10:00 AM, Michelangelo, Joseph
<JMichelangelo@fairfieldct.org> wrote:

Kevin:

Yes, I will see you then.

Joe

From: Kevin [mailto:kevin.antisdale@gmail.com]

Sent: Thursday, September 13, 2018 9:10 AM

To: Michelangelo, Joseph

Cc: First Selectman FFLD; Milt Hallas

Subject: Re: Rhoda Ave

Joe - if you could come by at 10 tomorrow I will have a couple of other neighbors available to discuss.

Kevin

Sent from my iPhone

On Sep 10, 2018, at 9:20 AM, Michelangelo, Joseph
<JMichelangelo@fairfieldct.org> wrote:

Kevin:

Right now, I am open Thursday & Friday (Friday is better). Let
me know a time so I can lock it in.

Some raising of the street level may be beneficial, but we don't
want to push the water from the road and onto private property.

The drainage on the corner of Rhoda/Northcliff and
Rhoda/Puritan both head west, then south through the back yards,
then east on Carlynn. Sending it around the block does not
provide an benefits as is still enters the same drainage system at
Rhoda/Carlynn.

Joe

From: Kevin [mailto:kevin.antisdale@gmail.com]

Sent: Friday, September 07, 2018 6:22 PM

To: Michelangelo, Joseph

Cc: First Selectman FFLD; Milt Hallas

Subject: Re: No response from you

Joe - I would like to discuss this as would a couple of neighbors.
What concerns me is that you make no mention of raising our
street level up and/or pitching our street so it can take advantage
of basins near Puritan and Norcliff. We discussed this previously
but you did not mention it today.

Again, all we want is for our street to be as dry and pool free as Eunice is. This street is crowned and pitched such that there is never any pooling even with high tides and heavy rains like we experienced yesterday.

Let's pick a time next Thursday or Friday to discuss this aspect of a corrective action plan.

Kevin

Sent from my iPhone

On Sep 7, 2018, at 3:53 PM, Michelangelo, Joseph <JMichelangelo@fairfieldct.org> wrote:

Kevin:

As you may be aware, the drainage from Rhoda has to run approximately 4,200 feet to its discharge in South Benson Marina. Some of this drainage dates back to the 1930's, with some major modifications performed in the 1970's.

We have identified reconfigurations to four manholes along this run, and 800 feet of pipe to be replaced, which we believe will help alleviate many of the issue. We are also looking at some underground storage (as the system doesn't drain

at all within a couple hours of high tide) and possible modifications to tide gates.

We can arrange a call or meet sometime next week if that works for you.

Joe

From: Kevin [mailto:kevin.antisdale@gmail.com]

Sent: Thursday, September 06, 2018 6:32 PM

To: Michelangelo, Joseph

Cc: First Selectman FFLD; Dubrosky, Thomas; Milt Hallas

Subject: No response from you

Joe - once again we can't get down our street or park in front of our homes. There has been no feedback from your department on corrective action plans since you last indicated you'd provide updates. This situation and inaction on the part of DPW and is not acceptable. We'd like to know what the plan is.

Kevin Antisdale

104 Rhoda Avenue

203 526 0977

Sent from my iPhone

Carpenter, Jennifer

From: Bertolone, Jackie
Sent: Monday, January 27, 2020 8:28 AM
To: Hurley, William
Cc: Kupchick, Brenda
Subject: FW: Town Update from the First Selectwoman

Hi Bill- See below.

Jackie L. Bertolone

Chief of Staff
First Selectwoman Brenda Kupchick
Town of Fairfield
203.256.3069

From: Mary Jo Schmitt
Sent: Sunday, January 26, 2020 6:41 PM
To: First Selectwoman
Subject: Re: Town Update from the First Selectwoman

Thanks for responding to my email. Yes, feel free to forward it to Bill.

Mary Jo

On Sun, Jan 26, 2020 at 6:06 PM First Selectwoman <firstselectwoman@fairfieldct.org> wrote:

Thank you for reaching out and your kind words. Bill Hurley, the town's engineering manager, is working hard to address flooding across our town.

If it's okay with you, I'd like to share this email with Bill to make sure this is on his radar.

Brenda L. Kupchick
Fairfield First Selectwoman
203-256-3030
Sullivan Independence Hall
725 Old Post Road
Fairfield, CT 06824
<https://www.fairfieldct.org/>
Sent from my iPhone
Please excuse any typos

From: Mary Jo Schmitt <maryjoschmitt@gmail.com>
Sent: Saturday, January 25, 2020 1:23 PM
To: First Selectwoman

Subject: Re: Town Update from the First Selectwoman

Dear First Selectwoman Kupchick,

Congratulations on your recent election win! I followed the election closely as I felt Fairfield needed new leadership to ensure it is a thriving and attractive community for its current and future residents. It is a big job and I am hopeful that under your leadership progress toward that goal will be achieved.

Thank you for sending the update email this week. Your proactive and transparent approach is refreshing, informative, and effective -- thank you. I was particularly interested in your comment:

At Tuesday's Board of Selectman meeting, we approved a list of non-recurring capital projects that I believe will have a positive impact for our community. Some of the items include storm system improvements for over 60 neighborhoods around town to help with flooding...

I have lived at 893 S. Pine Creek Road (SPCR) for 14 years. The neighborhood around the intersection of SPCR and Gorham Road is flooded every time there is a heavy downpour at both high and low tide due to inadequate street drainage. Our yards, and in some cases basements, become drainage areas for the city because of overflow from the street. I have attached a short video. I have many pics and videos, many that I have shared with Bill Hurley and Scott Leamon in your Engineering Department, but the attached is short, although only partially representative.

For the first time in 14 years I am hopeful that something will be done to resolve this issue. Thank you for making it a top priority of your administration. I look forward to hearing more about what, and when, storm system improvements will begin in our neighborhood.

Kind regards,

Mary Jo Schmitt
893 S. Pine Creek Road

On Fri, Jan 24, 2020 at 2:58 PM Brenda Kupchick

<firstselectwoman@fairfieldct.org<<mailto:firstselectwoman@fairfieldct.org>>> wrote:

Dear Residents, I want to provide you with an update since sending out my last newsletter two weeks ago.

View this email in your browser<<https://mailchi.mp/b816a22aaeeb/town-update-from-the-first-selectwoman?e=16ddc1345b>>

[https://cdn-images.mailchimp.com/template_images/gallery/icon_envelope.png]

[<https://gallery.mailchimp.com/0fd5b5b4c256838786fa5480a/images/509e1f32-b6db-4cc7-9c29-9115c841f677.png>]

Carpenter, Jennifer

From: Sue Olsen <solsen65@hotmail.com>
Sent: Wednesday, February 27, 2019 12:49 PM
To: Carpenter, Jennifer
Cc: Gina Bucciferro; Jo-Anne Smith; Gio Castro; Craig; ElenaCraigMarianRd Crosley; Bengermينو, Tina; RobNeighbor Lynch; Kim Lalanne; jrappaport89@gmail.com; Susan Civitano-O'DonnellLittleBrookRoad; KhurramPersonalEmail Ali; MasoomaLittleBrook Ali; klynch103@gmail.com; angie.staltaro@bridgeportct.gov; betsyelr@hotmail.com; Cristin McCarthy Vahey NEW; cristinmccarthyvahey@gmail.com; Tetreau, Mike; Hurley, William; Michelangelo, Joseph
Subject: Re: Reminder Flood Meeting/Littlebrook & Marian Roads - Tues. Feb. 26th - 7 pm - Indp. Hall

Many thanks to Mike Tetreau, Bill Hurley, Joe Michelangelo and Laura Pulie for holding the meeting last night at the Town Hall regarding the existing drainage system on Littlebrook and Marian Roads and the proposed improvements. Thank you also to those who were able to attend and participate in the discussion as it is important feedback and information that can be utilized by the Town in their efforts to improve the drainage situation on our two roads.

There are proposed drainage system improvements that were explained by the Town and we are awaiting next steps as Bill, Joe, Laura and Mike are targeting this Summer for these improvements to occur.

I do have copies of the existing and proposed plans provided by the Town and am happy to discuss/review these with the neighborhood.

Thank you also to Cristin McCarthy Vahey who took time to make the meeting as well!

I can be reached by email (solsen65@hotmail.com) and I would like to follow up with the neighbors whom were unable to attend as well as anyone else on our two roads so we keep continuity in the interim.

Joe & Bill will be following up with an email regarding the meeting and next steps.
Thank you again one and all.

Be well,
Sue Olsen

Sent from my iPhone

On Feb 25, 2019, at 3:52 PM, Carpenter, Jennifer <JCarpenter@fairfieldct.org> wrote:

Good afternoon,
I'm sending a friendly reminder on tomorrow's 7 pm neighborhood meeting in the First Floor Conference Room (next to the Health Dept.) in Independence Hall, 725 Old Post Road, behind the Burr Homestead. You can't see Independence Hall from the Old Post Road. You have to first pass the Old Town Hall at 611 Old Post Road (where taxes are paid) and then go down a short road to get to Independence Hall where there is plenty of parking. Entrances are on both sides of the building.

I hope you have a good meeting.

Thank you,

Jen

Jennifer Carpenter

Deputy Chief of Staff

First Selectman's Office

725 Old Post Road

Fairfield, CT 06824

w-203-256-3095/c-203-685-8126

jcarpenter@fairfieldct.org

From: Sue Olsen <solsen65@hotmail.com>

Sent: Tuesday, February 19, 2019 10:30 AM

To: Gina Bucciferro <gb9@sbcglobal.net>; Jo-Anne Smith <lcswsupreme@hotmail.com>; Gio Castro <gio_castro@hotmail.com>; Craig <ffd169@hotmail.com>; ElenaCraigMarianRd Crosley <eleni128@aol.com>; Bengermine, Tina <bengihome@aol.com>; RobNeighbor Lynch <lynch.robert@hotmail.com>; Kim Lalanne <thelalannes@gmail.com>; jrapaport89@gmail.com; Susan Civitano-O'DonnellLittleBrookRoad <civitanosusan@hotmail.com>; KhurramPersonalEmail Ali <khurram.ali59@gmail.com>; MasoomaLittleBrook Ali <masuma.ali@gmail.com>; klynch103@gmail.com; angie.staltaro@bridgeportct.gov

Cc: betsyelr@hotmail.com; Cristin McCarthy Vahey NEW

<cristin.mccarthyvahey@cga.ct.gov>; cristinmccarthyvahey@gmail.com; Carpenter, Jennifer <JCarpenter@fairfieldct.org>; Tetreau, Mike <MTETREAU@fairfieldct.org>; Hurley, William <WHurley@fairfieldct.org>; Michelangelo, Joseph <JMichelangelo@fairfieldct.org>

Subject: Flood Meeting/Littlebrook and Marian Roads - DATE, PLACE AND TIME OF MEETING - IMPORTANT

Importance: High

Greetings Neighbors of Littlebrook Road and Marian Road, (I will personally drop off a copy to Bryan Swann, Mrs. Maureen Kick and Mrs. Josephine Posta)

Hope you all enjoyed the long President's Day weekend!

I have confirmation as to the DATE, PLACE and TIME of the meeting for our neighborhood to meet with Mike Tetreau, Joe Michelangelo and Bill Hurley from the Town of Fairfield to discuss the flooding issues on our two roads/properites and the proposed resolutions/next steps per the Town of Fairfield.

DATE: Tuesday, February 26, 2019

PLACE: INDEPENDENCE HALL, FIRST FLOOR CONFERENCE ROOM

INDEPENDENCE HALL is located at 725 Old Post Road (it is behind the Burr Homestead).

You first have to pass the Old Town Hall at 611 Old Post Road (where taxes are paid) then go down the short road to get to Independence Hall.

TIME: 7PM (Please make every effort to attend and be on time)

As you know, we are intending to have full representation from our neighborhood of Littlebrook Road and Marian Road. If for some reason, you are NOT able to attend, PLEASE LET ME KNOW ASAP.

Those of you who have already emailed me that you can not attend, I will be sure to follow up after the meeting with details via email.

Thank you in advance to Jen Carpenter at the Town Hall for working hard to arrange this meeting for our neighborhood.

If anyone has any questions, please do not hesitate to contact me on my cell: 203-610-4691 or send me an email at: solsen65@hotmail.com.

Be well,
Sue Olsen

P.S. I have copied Angie Staltaro on this email, she Josephine Posta's sister.
If anyone has Bryan (Brian) Swann's email, please forward it to me. Thank you.

Carpenter, Jennifer

From: Rep. Kupchick, Brenda <Brenda.Kupchick@cga.ct.gov>
Sent: Tuesday, October 8, 2019 1:57 PM
To: Keith Bradley
Cc: Aaron Smolick; Alice Skelton; Alison McBain; Andrea Monroy; Anita Valdes; Antonios and Annalisa Panagiotakis; Ben Baruch; Bob Halstead; Bob McBennett; Bonnie Tuttle; Carey, Brian; Brian Hoover; Brian Mahon; Brian Ridgeway; Carla Frankel; Carolyn Trabuco; Caterina Ventura-Pfalzgrat; Chris and Jess Kvaka; Chris and Patti Roos; Chris Ashby; Chris Parker; Chris Putnick; Christina Voight-Ramos; Christine Cottrell; Cristin McCarthy Vahey; Dan Signor; David Coppola; Donald Breakell; Douglas Brown; Dylan O'Connor; Eric Anahory; Evan Schultz; Kaczegowicz, George; Gopinath Muructon; Howard Gardner; Jack Kelly; James McCusker; James McGrath; Jamie Karson; Jay Skelton; Jeff Cavagnaro; Jeff Crean; Jeff Crehan; Jen Marko; Jen Richard; Jenn Martin; Carpenter, Jennifer; Jessica Grossarth Kennedy, Esq.; Jeton Ejupi; Joe and Marilyn Saad; John and Katie Damsano; Jonathan Strait; Kaia Wayne; Griffin, Kathleen; Katya Salaveile; Kerry Douglas; Kerry Pilkey; Kevin and Cindy Hoffkins; Kim Fawcett; Kimberly McClean; Laura Karson; Louis Ro; Merlonghi, Marc; Maria and GA Rodaro; Mary Mahon; Matt Monroy; Michael Bertot; Michael Blumenthal; Tetreau, Mike; Michael Zaleta; Michelle Hennessey; Michelle Lapine-McCabe; Michelle Romaniello; Mike Powers; Nate Schiavo; Nicole Jean; Njeri Collier; Norean Lennon-Bradley; Pat Williams; Peter Barbieri; Phil Stein; Renae Edge; Richard O'Connor; Rick Hutchinson; Robert Elhage; Rod Lynch; Roy Asfar; Ryan Pfalzgraf; Samuel Boyarsky; Scott McKay; Shirley Pilkey; Steve and Fran DeMario; Sue Olson; Susan Lavallo; Susan Zelta; Tara Kerner; Thomas Noonan; Tim Dwyer; Tom Hennessey; Tony Hwang; W. Plesniarski; Hurley, William
Subject: Re: Rooster River Clean-up: Mother Nature cancelling the date

Keith,

Thank you for your efforts. I'll look forward to helping out in the spring!

Rep. Brenda Kupchick
132nd District
Proudly serving Fairfield & Southport
<http://www.cthousegop.com/kupchick/main/>
Sent from my iPhone
Please excuse any typos

On Oct 8, 2019, at 1:33 PM, Keith Bradley wrote:

Friends of the Rooster River

Well, it looks like Mother Nature is calling off a Rooster River Clean-up this Saturday with the prediction of rain. Can't think of a less appealing way to spend a weekend morning than being in a river with cold and rain.

Since the rest of the fall will likely be too cold to plan another clean-up day in the water, let's plan on spring for the next time out on the Rooster.

In the interim, there is a lot we can do to help the Rooster empty into the Sound rather than into our basements:

- Identifying places along the course of the River where debris piles up, ripe for clean-up
- Organizing as part of the team for the clean-up in the spring
 - sponsors
 - equipment
 - advertisement
 - recruiting
- Advocating issues for the Rooster River on the agendas of Fairfield, Trumbull and Bridgeport

Please be in touch about how we can come together as neighbors in this effort.

All the best.

Keith

Keith Bradley MD

Chief Executive and Chief Medical Officer

Phone: 203.767.6363

Email: kbradley@theNARAP.org



National Alliance of Research Associates Programs (NARAP)
www.theNARAP.org

Director

Research Associates Program at St. Vincent's Medical Center

www.RAprogram.org

Mission

Centered in the emergency departments across the country, the National Alliance of Research Associates Programs, Inc. is a non-profit clinical research organization facilitating large scale, national, multi-center studies to increase the quality of health care delivery nationally, especially in the areas of screening and prevention. Our work engages vast numbers of pre-health professional students as data collectors in the studies, providing enhanced clinical opportunities unique to the research setting while teaching the fundamentals of interacting with patients.

















14-Point Summary

Non-Recurring Information and Justification Form

New Boiler Installation – Independence Hall

\$114,620

1. **Background:** The two Independence Hall Boilers are original to the building that was built in 1979, making them 41-years old. The boilers are strictly oil fired. They are 16 years past their life expectancy according to the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) standards.
2. **Purpose & Justification:** The purpose of the replacement would be not only to update the equipment, but to become more efficient by switching to dual fuel burners and be able to run on natural gas as well as fuel oil. This gives the town some redundancy in the event of loss of Natural gas in an emergency as well as staying committed to the Underground storage tank installed in 2005 with over 15 years life expectancy left. The justification is found in the report (attached) from The Harford Steam Boiler Inspection and Insurance Company that warns of general erosion and corrosion that could result in the failure of the heating system.
3. **Detailed Description of Proposal:** Based off the proposal received from Ratick Combustion, Inc. (attached) the town will go out to bid for services to isolate and disconnect the existing boilers and furnish and install new dual fuel boilers. The Town will also go out to bid for an asbestos abatement/boiler removal contractor based off the quote received from AAIS abatement contractor (attached). Other recommended upgrades that are included are the replacement of all existing pumps, motors, valve actuators and some controls that go with them.
4. **Reliability of Estimated Cost:** All proposals attached are from contractors the town has current contracts with for this type of work or has worked with them in recent projects. Ratick Combustion is the towns Boiler maintenance contractor and AAIS is an abatement contractor the town has worked with multiple times recently and is an awarded contractor on the State of Connecticut Department of Administrative Services for Asbestos removal. Pricing for the new pumps, motors, and valve actuators are from quotes from the local HVAC supply house, Sid Harvey's, Inc.
5. **Increased Efficiency or Productivity:** The New England Cable News reports that "the average household in the Northeast will spend \$1,037 for natural gas this winter as opposed to \$2,114 for heating oil," according to forecasts by the U.S. Energy Information Administration. Of course, this is just a forecast. Actual savings will depend on usage and the ongoing changes in the cost of natural gas and oil. There is also money-saving potential from lower maintenance costs. By converting to gas there is no longer a need to change oil filters, nozzles, or get an annual chimney cleaning.
6. **Additional Long-Range Costs:** No additional costs.

7. **Additional Use or Demand on Existing Facilities:** No additional demand.
8. **Alternates to this Request:** An alternate quote for gas fired condensing boilers was considered. The price was \$112,000 for the boilers alone without abatement, removal of boilers or new pumps. The payback period for the more efficient type boiler was 44 years and longer than the boilers life expectancy. The conventional boilers were favored at this time for the reliability aspect.
9. **Safety and Loss Control:** All asbestos abatement and boiler removal in the boiler room will be done after hours and on weekends during the summer to not interfere with the day-to-day operation of the various departments located in the building.
10. **Environmental Considerations:** As part of the architectural design services, a full Hazardous Building Materials Investigation will be completed for any of the areas of the building that are proposed to be disturbed as a part of any future renovations. Testing will be completed for asbestos, PCBs, and lead-based paints which may be disturbed during renovations.
11. **Insurance:** Any contractors hired will be required to hold liability insurance at the limits requested by the Town Purchasing Agent.
12. **Financing:** Funding for subsequent construction phases will be requested in future Capital Budget requests. The Department of Public Works will look to obtain Federal or State grants or CDBG funding to offset the Town side's construction costs.
13. **Other Considerations:** The Department will seek cost effective alternatives to reduce the financial impact of construction that may be recommended as a result of this study and architectural design.
14. **Other Approvals:** Board of Selectmen – January 2020
Board of Finance – February 2020
RTM – March 2020



Ratick Combustion, Inc.

129 Wordin Ave., P.O. Box 6406, Bridgeport, CT 06606
203-333-9993 • 800-231-2954 • Fax 203-333-3760

Heating Service & Installation
Boiler & Burner Service & Installation
Pneumatic & Temperature Controls
Nipple & Section Replacement
R-Stamp Welding
Re-Tubing
Boiler Cleaning
Refractory Installation
Air Duct Cleaning
Insulation Work
Exhaust System Cleaning
Stack Repair & Replacement

October 2, 2019

Mr. James Ryan
Town of Fairfield, Public Works Operations
Town Garage
One Rod Highway
Fairfield, CT 06430

Proposal-New Boiler Installation Independence Hall

Ratick Combustion, Inc. proposes to supply all labor, materials and equipment needed to complete the following work.

Demolition:

1. Ratick Combustion, Inc. will disconnect oil piping, supply and return piping, and electrical prior to asbestos abatement and boiler removal by others.
2. After abatement and boiler removal is complete. We will remove piping that will not be reused with new installation and remove expansion tanks.

Equipment:

1. (2) Weil McLain Series 80 seven section hot water boilers.
2. (2) Carlin model 702 Gas/Oil burners.
3. New ASME Expansion tank(s)

Installation:

1. Modify or pour new concrete pads for new boilers to rest on.
2. Furnish, rig and assemble new Weil McLain boilers.
3. Plug off and hydro test both boilers before piping them.
4. Complete all supply and return piping for both boilers and tie into existing building piping.
5. Complete all trim, drain and feed water piping. Pipe drain piping to floor drain.
6. Furnish and install all new safety and operating controls.

AAIS

P.O. BOX 26066
802 BOSTON POST ROAD
WEST HAVEN, CT 06516

tel: 203-932-2992
fax: 203-932-9892
e-mail: scott@aaiscorp.com

DATE: 10/9/2019

CUSTOMER: Fairfield

CONTRACT AWARD #: 16PSX0110

AAIS JOB #: 16PSX0110

PROJECT NAME: 725 Old Post Road
Boiler Abatement & Removal

PROJECT NUMBER: 16PSX0110

DPW NUMBER: 16PSX0110

ASBESTOS	\$	24,754.32
MOLD/OTHER HAZ MTLS	\$	-
LEAD	\$	-
OTHER		\$0.00
Cover Page	\$	-
TOTAL	\$	24,754.32

Independence Hall
725 Old Post Rd
Fairfield, CT 06824

Recommended upgrades:

(2) New dual fuel Boilers: \$75,000

Abatement: \$25,000

(4) Pumps Current:

Taco- Model: BB2006, 5.9, A5B1B2TLO

GPM: 63 HP: 1

RPM: 1750 FRAME: A5

NEW PUMPS: Taco "Elink", Est. Cost: \$1,500-\$2,000 each $\$2000 \times 4 = \8000

(4) Pump Motors Current:

Baldor-SuperE- Cat. No.: EM3116T-8. SPEC:35L405Q084

HP: 1 RPM: 1740

FRAME: 143T V: 200-60Hz-3PH

NEW PUMP MOTORS: Baldor, Est. Cost: \$350.00 each $\$350 \times 4 = \1400

(2) Electronic Valve Actuator Current:

Johnson Control- VA-7202-1001

24V-50Hz- 8.7 VA

NEW EVA'S: Est. Cost: \$400.00 each $\$400 \times 2 = \800

(2) EGW-110-US

TOUR Agentuer AB. Article#: 512-1102-000

Found no info on product. I have reached out on these sensors

(1)Air Control

Taco- Model: AC3F-1. Serial: Y0126

150 PSI @ 375F

NEW AIR CONTROL: Taco, Est. Cost: \$2500.00 $\$2500 \times 2 = \5000

TOTAL: \$104,200

P.2 Independence Hall Boiler Replacement
10/2/19

7. Install new boiler jackets.
8. Complete breeching work tying into existing or run new to the chimney.
9. Furnish and install new ASME Expansion tank(s).
10. Install new burners and burner mounting plates.
11. Install aquastats to allow for low/high/low mode of operation.
12. Complete oil piping tying into existing lines.
13. Complete gas piping from current meter location to the burners. Provide all hangars, supports and coring and gas vent piping as needed.
14. Pressure test gas piping for sign off from town inspector.
15. Furnish and pipe gas trains.
16. Complete all power and control wiring.
17. Building EMS controls to be tied in by Fairfield's controls contractor, and is not include in scope of work.
18. Insulate new piping.
19. Start up and set up of equipment on gas and oil.
20. Provide 1 year warranty service.
21. Provide Town of Fairfield Permit.


Exclusions:

1. Modification or installation of combustion air.
2. Chimney cleaning, lining, re-lining, inspection or alteration.
3. Upgrade of Electrical service or code upgrades of boiler room if required.

Amount for project completion. \$74,875.00

Terms are Net 30 Days. Quote is valid for 30 Days.

Respectfully Submitted,


Dean Ratick
DR:hh

14-Point Summary

Transfer Station Compactors Procurement

Project Cost: \$354,000

1. **Background** – In late 2017 and early 2018, it was becoming apparent that Fairfield would have to replace the two compactors at the transfer station, as planned. They often needed repairs. They were almost 45 years old and the company that made them went out of business about 20 years ago. Moreover, the Station itself needs an upgrade. In 2018, Solid Waste and Recycling sought prices from Enviro who had maintained the compactors since 1975, to replace them and were given prices considered excessive. Solid Waste and Recycling started to seek prices from other vendors for a new compactor. Marathon appears to be the only company that will make the compactors needed. One problem is that any new compactor could not easily fit into the support structure of the old ones. Another problem was the new compactor could not easily unload into the new trailers. Only one company, Sanitary Services said they could make the fit work with some structural changes and that they were willing to make the changes. On June 4, 2018 we experienced total failure of one compactor. On June 8, 2018 we received a quote of \$55,224.25 for one. On June 18, 2018, we requested an Emergency Declaration to replace both compactors for \$110,448.50, with free installation. The last week in June, the second compactor broke and was given a temporary fix. On June 21, we executed a purchase order for two new compactors.
2. **Purpose and Justification** – On November 16, 2018 the new compactors were installed. There were immediate operational problems that everyone thought would be worked out as Enviro familiarized themselves with the new, smaller compactors. On November 28, 2016 Sanitary Equipment reiterated their claim that they were sized right - "We did the calculations based on the past years tonnages that compactor is capable of 33% more output than the tonnage you are doing". However: The compactors have less capacity (5 yards vs 8 yards each) than the old ones. The mouth of the compactors are smaller than the old ones and trucks cannot dump directly into the mouth. They are unloaded onto the floor, an operation that takes 3 times the time of direct dumping. Some material has to be broken up prior to dumping. The garbage must be loaded by backhoe into the pit; another time delay. The compactors take more time to process than the old ones. The ram that pushes the compacted waste into the transfer trucks is not as long as the old one causing spillage where the transfer trailers are loaded. It is necessary to pay for overtime daily to Enviroexpress to finish loading the compactors on the tipping floor and to clean up the spillage below. In December 2018, Oak Ridge informed us that they would no longer accept the residential recycling being dumped in Stratford and reloaded onto All American trucks because of contamination issues. Until 2012, the

residential recycling was delivered to Stratford and dumped in the CRRRA processing center. The 2013 low bidder was paying Fairfield \$10/ ton for recycling material versus a \$60/ ton charge from CRRRA. However, the new recycling processing facility is in Shelton and the residential haulers refused to drive that far without compensation. The Solid Waste and Recycling Commission voted to pay All American \$5/ton to let the residential recyclers dump at their facility in Stratford and haul it to Shelton. On January 1, 2019, we were forced to use the transfer station and one compactor 4 hours a day to load the recycling on Enviro trucks at \$30/ton and haul to Oak Ridge in Shelton. That created even more operational issues. Residents often bring large items such as couches and other furniture that did not fit into the mouth of the new compactor or clogged it. These items had to be separated out and broken up creating more delays. Residential recycling trucks also often have to dump on the floor using up storage space. On January 10, 2019 Sanitary Equipment wrote an email re stating that "these two compactors are properly sized for the waste & recycling stream. And that is based directly on the payloads reported for the last two years from Enviro". In March a Solid Waste & Recycling employee spent one full week at the station working out the Enviro problems and concluded that the compactors are undersized and cannot work as advertised. We met with Sanitary Equipment on April 23, 2019. They continue to claim that the equipment can handle all our waste with a built in 25% capacity for growth. The claim that oversized furniture will fit in if loaded properly.

3. **Detailed Description of Proposal** – In the past we had 20 yards capacity at all times, with a larger mouth that allowed trucks to dump directly into the compactors. Today we have 10 yards capacity 50% of the time and 5 yards capacity 50% of the time, with the smaller mouth (8FTX5FT). The proposed compactors will have 20 yards capacity 50% and 10 yards capacity 50% of the time. It will take up to six months to correct the problem: 2-3 months to appropriate the time money and bid the project, and 2-3 months for Marathon to manufacture and deliver the compactors and 1 month to install them.

Removal of the existing stationary trash compactors and associated fixtures and equipment:

Removal of the 2 existing stationary trash compactors. Existing trash compactors are Marathon model RJ-575HD. These existing units were supplied and installed in January, 2019. These units are not meeting the Town's trash compacting requirements. The Town is trading these compactors in as part of this bid for a deduction of price valued at \$20,000.

Removal of existing and replacement of existing structural steel stand on which compactors sit.

Removal and disposal of existing hydraulic pump systems associated with each of the 2 existing trash compactors.

Removal and disposal of the existing control equipment & wiring for each existing stationary trash compactor.

Removal of the existing control equipment & wiring for each of the push pit hydraulic ram. This control equipment may be located on the same level as the trash compactors.

Supply and install two (2) new Heavy Duty Trash Compactors, power units, and associated fixtures and equipment.

Supply and install two (2) new Heavy Duty Trash Compactors meeting the minimum specification noted under the requirements below. Supply and install new structural steel stands on which trash compactors are to be installed. Trash Compactors are to be installed so that any waste is ejected into the transfer trailers currently utilized by the Town.

Supply and install push pit ram hydraulic cylinder, power unit and associated fixtures and equipment.

Supply and install water tight jog control station at transfer station tip floor level, in the location directed by the Town. The jog control station shall consist of a three position key switch (remote, off, bypass) and a three position selector switch (ram extend, off, ram retract). Contractor to provide all conduit and wiring necessary to complete work and make all necessary electrical connections.

Contractor shall be required to make any repairs or improvements to the existing concrete wall and floors that may be necessary to facilitate the installation of the new equipment and fixtures. The Contractor shall provide construction drawings stamped by a Connecticut licensed professional engineer, for all structural components and connections, including, but not limited to, compactor stands, plate steel hoppers, and push pit and hopper perimeter guards. The Contractor will provide stamped plans from a CT licensed professional engineer, that the existing concrete floor is adequate to support the new compactors and equipment. All submitted for review and approval prior to the start of construction.

Complete push pit improvements to fit new compactors.

Proposed Budget Breakdown

Task	Activity	Costs
1	Compactor Base Bid	\$287,426.00
2	<u>Part #3 Breakdown: Pricing includes both compactors</u>	\$65,588.00
	-3 Year Warranty: \$36,526.00	
	-Extended RAM: \$13,974.00	
	-Curved RAM: \$9,776.00	
	-In-tank oil heater: \$3,976.00	
	-High Temp. oil warning light & auto shut down: \$1,336.00	
Total		\$354,014.00

4. **Reliability of Cost Estimate** – On a scale of 0 to 10, the reliability of the estimate at 10.0. The Town has already bid the project and qualified a responsible vendor who is able to provide the compactors in accordance with the Town's bid specifications.

5. **Increased Efficiency or Productivity** – Improvements to the facility will increase the efficiency of the transfer station operations and the time it takes to compact trash. The current condition of the transfer station causes efficiency and productivity issues for the current site contractor because of the size of the compactors and the amount of run time per cycle it takes to compact the trash.
6. **Additional Long Range Costs** – There are no additional long range costs associated with this proposal. The compactors will be under a warranty for the next 3-years. Routine maintenance costs are the responsibility of the contractor who is currently managing the transfer station.
7. **Additional Use or Demand on Existing Facilities** – The Town anticipates that the use of the facility and the tonnage of MSW received on an annual basis will continue to be relatively constant.
8. **Alternatives to this Request** – The only alternative to this request is to not do anything which will not resolve the existing problems with the transfer station facility. The do nothing alternative would require the Town to keep expanding overtime to run the existing compactors that are unable to handle the daily waste load that is brought to the facility.
9. **Safety and Loss Control** – The project would enhance safety and loss control by drastically reducing the risk of injury because of new safety controls that will be installed as part of the new compactors. There are several upgrades that are planned that deal directly with improving safety conditions at the transfer station with the installation of the new compactors.
10. **Environmental Considerations** – The new compactors operate as a closed hydraulic system so there are no chances for oil spills. It is anticipated that the new compactors will also be more efficient so there should be a decrease in the energy costs to run them at the facility.
11. **Insurance** – The vendor will be required to provide a 3 year extended warranty for the new compactors. No additional insurance coverage will be required for the new compactors as they will be insured under the Town's general liability coverage. The operator of the facility (Enviro) will be required to complete routine maintenance on the new compactors as part of the Town's contract to manage the transfer station.
12. **Financing** – The Town investigated alternatives to an outright purchase of new compactors but decided that a direct purchase of new compactors is the best cost alternative. That are being built to Town specifications is in the best interest of the Town.
13. **Other Considerations**: The compactors that are currently operating at the transfer station are undersized and are unable to process the daily MSW that is brought to the site. The Town will continue to incur overtime costs to run the existing compactors in order to be able to process the daily refuse that is scaled into the transfer station.

14. **Other Approvals**:

Board of Selectman – January 2020
Board of Finance – February 2020
RTM – March 2020

Reaction Distributing Inc.**ESTIMATE #19-10-21R1**

19 Brock Street
Ajax, Ontario
L1S 1S9
Tel: (905) 426-6442 Fax: (905) 426-5925

CLIENT NAME

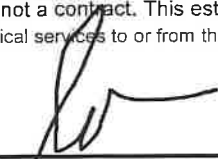
Town of Fairfield
Independence Hall
Purchasing Authority
725 Old Post Road, First Floor
Fairfield, CT, 06824

JOB DESCRIPTION

Bid #2020-18 for two new transfer station compactors
Part #1: compactor shells only c/w all controls and power units

QUANTITY	EQUIPMENT DESCRIPTION	UNIT COST	TOTAL COST
2	Model TP-220XHD transfer station compactor	\$123,483.00	\$246,966.00
	Clear top opening: 123" x 80"	included	included
	Manufacturer's rating: 15 cubic yards	included	included
	WASTEC equivalency rating: 10.2 cubic yards	included	included
	1 x 9" diameter main cylinder (7" diameter rod x 173" stroke)	included	included
	1 x 2" diameter extend port, 2 x 2" diameter retract ports	included	included
	Compaction force (N): 140,000 lbs. @ 2,200 psi system pressure	included	included
	Compaction force (M): 159,000 lbs. @ 2,500 psi system pressure	included	included
	Ram face pressure (N): 37 psi @ 2,200 psi system pressure	included	included
	Ram face pressure (M): 42 psi @ 2,500 psi system pressure	included	included
	Minimum ram penetration: 48"	included	included
	No load cycle time: 45 seconds (maximum)	included	included
2	Main hydraulic power unit (50 hp, 208/230/460V, 3 phase)	included	included
	125 gpm (hi-lo) pump system (all valving is 24V)	included	included
	Oil reservoir: 400 gallons, in tank suction filter, oil sight & pressure gauges	included	included
	Clean-out port, fill port c/w breather, A-32 grade oil (rated to -5F)	included	included
2	Main AC control panel attached to power unit	included	included
2	Remote operator panel c/w 50' wiring harness	included	included
	Features as per bid specifications	included	included
2	SCADA based compactor monitoring system	included	included
	Allows container fullness to be monitored as well as electrical and hydraulic system. Enables Reaction technicians to log into compactor remotely to make changes to program and adjustments to timers and pressure.	included	included
2	Set of hydraulic trailer locks as per bid specifications	\$3,884.00	\$7,768.00
2	Remote jog station and pressure boost panel on side of compactor	\$399.00	\$798.00
2	Set of hydraulic hoses from power unit to compactor (20' long)	included	included
2	Air to oil cooler	\$3,989.00	\$7,978.00
2	Trade in allowance for existing RJ-575HD units	-\$10,000.00	(\$20,000.00)
Sub-total			\$243,510.00
Total estimated cost			\$243,510.00

This is an estimate only, not a contract. This estimate is for completing the job described above. It does not include the cost to install or connect any electrical services to or from the equipment listed above. It is based on the drawings and specifications provided.


Larry A. Vine

October 21, 2019

DATE

Reaction Distributing Inc.**ESTIMATE #19-10-21R1**

19 Brock Street
Ajax, Ontario
L1S 1S9
Tel: (905) 426-6442 Fax: (905) 426-5925

CLIENT NAME

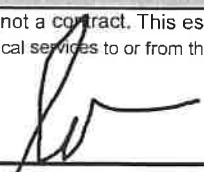
Town of Fairfield
Independence Hall
Purchasing Authority
725 Old Post Road, First Floor
Fairfield, CT, 06824

JOB DESCRIPTION

Bid #2020-18 for two new transfer station compactors
Part #2: compactor stand/platform, hopper modifications, stamped drawings, freight, decommissioning and installation

QUANTITY	EQUIPMENT DESCRIPTION	UNIT COST	TOTAL COST
2	Compactor support stand/assembly	\$5,984.00	\$11,968.00
1	Spare 50 hp motor as per scope of work #2 on page #3 of the bid specs.	\$4,998.00	\$4,998.00
1	Set of client approval/shop drawings c/w P Eng stamp	included	included
	Includes support stand and lower hopper assembly	included	included
	Includes TP-220XHD FEA (Fundamental Elemental Analysis) report	included	included
	Includes fabrication drawings of compactor shell and support stand	included	included
	Includes general arrangement drawings based on site conditions	included	included
	Note: P Eng stamp is from Ontario Canada third party P Eng	included	included
2	Design/supply a new front hopper section to correct the reduction in the overall hopper length to accommodate the RJ-575HD units	\$1,650.00	\$3,300.00
	Overall length to accommodate the 123" long TP-220XHD charge chamber	included	included
2	Freight to transfer station site (two flat deck loads)	\$3,000.00	\$6,000.00
2	Decommissioning costs of existing RJ-575HD compactor	\$2,325.00	\$4,650.00
	Cut existing hopper where it joins the tipping floor hopper	included	included
	Cut existing front flange system on compactor shell	included	included
	Cut compactor shell away from support stand	included	included
	Load equipment onto trailer and remove from site	included	included
2	Installation of new TP-220XHD compactor	\$5,750.00	\$11,500.00
	Off-load stand, compactor shell c/w lower hopper section, and power unit	included	included
	Move compactor and stand unit into place under tipping floor hopper	included	included
	Install hopper flange sections (rear, sides and front) and weld solid	included	included
	Connect all hoses from main compactor cylinder to power unit	included	included
	Install tipping floor operator panel and connect to main AC power pack panel	included	included
	Start-up/test compactor to ensure all systems functioning correctly	included	included
	One full day on site to load test each compactor (minimum 2 trailers)	\$500.00	\$0.00
2	Reconnection of electrical service from the client's disconnect to the main compactor control panel located at the main hydraulic power unit.	\$750.00	\$1,500.00
	RDI to provide mounting board for client's disconnect beside main control panel	included	included
	Note: client to ensure electrical service can handle new 50 hp motors, we recommend a minimum service size of 100A per compactor.	included	included
Sub-total			\$43,916.00
Total estimated cost			\$43,916.00

This is an estimate only, not a contract. This estimate is for completing the job described above. It does not include the cost to install or connect any electrical services to or from the equipment listed above. It is based on the drawings and specifications provided.


Larry A. Vine

October 21, 2019

DATE

Reaction Distributing Inc.**ESTIMATE #19-10-21R1**

19 Brock Street
Ajax, Ontario
L1S 1S9
Tel: (905) 426-6442 Fax: (905) 426-5925

CLIENT NAME

Town of Fairfield
Independence Hall
Purchasing Authority
725 Old Post Road, First Floor
Fairfield, CT, 06824

JOB DESCRIPTION

Bid #2020-18 for two new transfer station compactors
Part #3: recommended/available upgrades

QUANTITY	EQUIPMENT DESCRIPTION	UNIT COST	TOTAL COST
2	In-tank oil heater	\$1,988.00	\$3,976.00
	Prevents cold weather freezeup of hydraulic oil	included	included
2	High temperature oil warning light and auto-shut down	\$668.00	\$1,336.00
2	Curved ram face upgrade from standard straight ram face	\$4,888.00	\$9,776.00
	Ensures waste is more evenly compacted inside of the transfer trailers	included	included
	Ensures more consistent trailer payloads	included	included
2	Increase ram penetration from 48" to 65"	\$6,987.00	\$13,974.00
	Ensures less "fallout" of material when trailer is separated	included	included
	Provides more consistent payload density	\$1,650.00	\$0.00
	Cylinder stroke increased from 173" to 190"	included	included
	Overall length of compactor shell increased by 17"	included	included
2	Extended warranty	\$18,263.00	\$36,526.00
	Increased from 12 months parts and labor to 36 months parts and labor	included	included
Sub-total			\$65,588.00
Total estimated cost			\$65,588.00

This is an estimate only, not a contract. This estimate is for completing the job described above. It does not include the cost to install or connect any electrical services to or from the equipment listed above. It is based on the drawings and specifications provided.


Larry A. Vine

October 21, 2019

DATE



COMPACTOR SPECIFICATIONS AND TECHNICAL INFORMATION

DESCRIPTION	TP-220XHD	BID SPECIFICATIONS
Clear top opening	123"L x 80"W	123"L x 77.5"W
Clear top opening	9,840 square inches	9,532 square inches
Ram height	47.5"	not specified
Ram width	79.75"	not specified
Ram Face	3,788 square inches	not specified
Overall frame width	91.5"	not specified
Overall frame length	350"	not specified
Overall frame height (deck height)	61.5"	not specified
Ram penetration	48"	48"
Breaker bar	18" x 16" x 2" welded angle	2" x 2" steel plate
Side frame top rail	6" x 4" x 1/4" HSS	6" x 2" x 1/4" HSS
Side frame stiffeners	6" x 4" x 1/4" formed channel	1/4" formed channel
Support legs (at corners)	8" x 6" x 1/4" HSS	6" x 4" x 1/4" HSS
Side wall base layer	3/8" A36 steel plate	3/8" A36 steel plate
Side wall top (wear) layer	3/8" AR-400 wear plate	3/8" T1-400 wear plate
Floor base layer	1/2" A36 steel plate	1/2" A36 steel plate
Floor top (wear) layer	1/2" AR-400 wear plate	1/2" T1-400 wear plate
Charge floor support frame #1	15 x C6 @ 13 channel	15 x C6 @ 13 channel
Leading edge floor support	1 only 8" x 6" x 1/4" HSS	1 only C6 @ 13 channel
Deck plate supports	3" @ 4.1 channel	not specified
Ram face plate	1.5" A36 steel plate	1.5" steel plate
Ram floor base layer	1/2" A36 steel plate	1/2" A36 steel plate
Ram floor wear layer	1/2" AR-400 wear plate	1/2" AR-235 wear plate
Ram side walls	1/2" AR-400 wear plate	3/8" S-514 wear plate
Ram top plate	1/2" A36 steel plate	1/2" steel plate
Ram top corner plate wear strips	1/2" AR-400 wear plate	not included
Ram wiper blade	1/2" hinged A36 steel plate	3/8" steel plate
Ram hold downs	2" x 2" A36 steel plate	1.25" x 1.5" 1018 CR (bolted)
Ram hold downs wear strips	1/2" AR-400 wear plate	not included
Ram floor and top supports	3" @ 4.1 channel	not specified
Ram cylinder mounts	welded 1" verticals c/w 1/2" beams	not specified
Rear cylinder mounts	12" x 7" x 1.5" thick welded I-beam	18" @ 58 channel
Rear cylinder mounts weight/foot	158 lbs. per foot	58 lbs. per foot
Cylinder support saddle	included	not specified
Cylinder bore diameter	9"	9"
Cylinder rod diameter	6"	6"
Cylinder stroke	174"	173.5"
Cylinder port size	2" diameter	not specified
Number of cylinder ports	1 x extend, 2 x retract	not specified
Removable side wall covers	yes	not specified
Oil reservoir	300 gallons	200 gallons
Oil site gauge	yes	not specified
Oil pressure gauge	yes	yes
Motor size	50 hp	not specified
Pump capacity	125 gpm (hi-lo)	100 gpm
UL approved controls	yes	yes

DESCRIPTION	TP-220XHD	BID SPECIFICATIONS
Main AC control panel location	mounted on power unit	not specified
Remote operator panel location	per client's existing location	per client's existing location
Remote operator panel feature	keyed on/off, power on light	keyed on/off, power on light
Remote operator panel feature	e-stop, reset, auto/manual selector	e-stop, reset, auto/manual selector
Remote operator panel feature	low oil light	low oil light
Remote operator panel feature	maintenance/change filter light	maintenance/change filter light
Remote operator panel feature	80% & 100% full light	80% & 100% full light
Remote operator panel feature	auto/manual selector switch	auto/manual selector switch
Remote operator panel feature	ram forward/reverse manual switch	ram forward/reverse manual switch
Remote jog panel location	on side of compactor	on side of compactor
Remote jog panel feature	ram forward/reverse manual switch	ram forward/reverse manual switch
Remote jog panel feature	3 pos. key switch (on/off/bypass)	3 pos. key switch (on/off/bypass)
Remote jog panel feature	over rides operator panel	over rides operator panel
Compaction force (Normal)	140,000 lbs.	140,000 lbs.
Compaction force (Maximum)	159,000 lbs.	159,000 lbs.
System pressure (Normal)	2,200 psi	2,200 psi
System pressure (Maximum)	2,500 psi	2,500 psi
Ram pressure setting pins	yes	no
Trailer locking system	hydraulic side grabs	yes
Shipping weight	33,500 lbs.	30,000 lbs.



Operator's Manual for Hydraulic Compactors

2018 Edition

TP Series Compactors

Owner's Manual & Troubleshooting Guide

Reaction Distributing Inc.

19 Brock Street

Ajax, Ontario, Canada

L1S 1S9

Phone (905) 426-6442 * Fax (905) 426 5925

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Introduction

The compactor training and safety guidelines contained in this document form part of a complete equipment training program. When combined with hands on training it provides a comprehensive approach to overall operator health and safety. It is **strongly recommended** that all operators be tested on their knowledge of this material every twelve months to ensure they are following all of the safety procedures contained herein.

The safety procedures and guidelines were developed as a result of the compactor operating standards that were created by the American National Standards Institute Accredited Standards Committee (Z245 Subcommittee 5), the Canadian Standards Association and the Machinery Guarding principles contained in Z432-04.

These guidelines include information on all aspects of compactors including requirements for the installation, maintenance, guarding, repair and operation as necessary to ensure the safe operation of the compactor in order to reduce the likelihood of an operator injury.

The standards upon which this manual was based detail the safety requirements for the design and construction of new compactors in addition to creating an industry wide and generally accepted set of operating procedures.

General

Congratulations on your purchase of a Reaction Distributing Inc. (R.D.I.) hydraulic trash compactor. This unit was designed to meet the company's high standards in the areas of operation and safety. With normal maintenance, this unit will provide you with many years of trouble free service while providing a level of operator safety that is second to none.

This manual provides the tools necessary to enable the purchaser to ensure that all operators are adequately trained to operate the equipment in a safe manner. R.D.I. recommends that a preventative maintenance program be adopted to ensure that the unit is always operating at peak performance. The frequency of the inspections will be dependent on many factors including the materials being compacted, the volume of waste being compacted and the number of daily operating hours.

A trouble shooting guide has been included in this manual but R.D.I. strongly recommends that only industry qualified service technicians perform and diagnostics and repairs on this equipment. Serious injury or death can occur if the unit is repaired by unqualified technicians.

In some jurisdictions, the purchaser is required to have a Pre-Start Review completed on the compactor before it can be brought on line. You should check in advance to see if this requirement applies to you. If you would like R.D.I. to assist you with this requirement, then please call our Service Manager at (905) 426-6442 x225.

Safety Instructions

- 1) Do not operate the compactor unless you have received training from your immediate supervisor or a qualified instructor.
- 2) Do not operate this compactor unless you are 18 years of age and have met the conditions of point #1 above.
- 3) Never tamper with or disable any safety devices. Serious injury or death may/will occur.
- 4) Do not operate this compactor unless all safety guards are fully in place. Serious injury or death may/will occur.
- 5) Proper lock-out/tag-out procedures must be followed before the compactor (or container) can be entered or serviced; and before the container can be disengaged from the compactor. Contact your supervisor if lock-out/tag-out is required. Do not attempt lock-out/tag-out unless you have been thoroughly trained on the correct procedures.
- 6) It is the responsibility of the purchaser to create an effective lock-out/tag-out program and we strongly recommend that this procedure be in place before the compactor is brought on line.
- 7) Only authorized personnel should be permitted to open any control panel on the compactor. The compactor operates under high voltage and must not be inspected or serviced by anyone not certified to do so. Serious injury or death may/will occur.
- 8) Be fully aware of all moving components. Never open feed doors at any time while the ram is in motion. The operator should stand clear of the compactor while the ram is in motion as the compactor operates under extremely high pressure. Never climb onto the compactor or reach into; or climb into the hopper at any time while the ram is in motion or not. Serious injury or death may/will occur.
- 9) Observe all warning labels at all times when in proximity of the compactor whether the ram is in motion or not.
- 10) If the compactor is found not to be operating correctly or if a safety device has been tampered with or found to be not working properly, please advise your supervisor immediately.

Operation Requirements

Properly maintained stationary compactors that meet all applicable regulatory safety requirements and the requirements of this standard, and shall be responsible for all of the following:

Owner/employer responsibilities for stationary compactors. The owner/employer shall provide:

- 1) Ensuring that the installation of the stationary compactor conforms to local codes, ordinances, and manufacturer's recommendations. If installing into a system, examine prevailing safety standards of associated equipment.
- 2) Providing to employees instruction and training in safe work methods before assigning them to operate, clean, service, maintain, modify, or repair the stationary compactor. Such instruction and training shall include procedures provided by the manufacturer. The employer will maintain records as to the names of employees and the dates of training.
- 3) Providing instructions for addressing abnormal situations (e.g., bridging of the loading chamber or feeding chute, jam of materials).
- 4) Assigning only trained employees to work on (which includes operating, loading, cleaning, servicing, maintaining, or repairing) the stationary compactor.
- 5) Monitoring the employee's operation of the stationary compactor and taking appropriate action to ensure proper use, including adherence to safe practices and the employee requirements of this standard and monitoring the employee's operation of stationary compactors and taking appropriate action to ensure proper use of equipment, including adherence to safe practices.
- 6) Repairing, prior to placing the stationary compactor into service, any mechanical malfunctions or breakdowns that affect the safe operations of the stationary compactor.
- 7) Establishing and following a program of periodic and regular inspections of all stationary compactors to ensure that all parts, component equipment, and safeguards are in safe operating condition, and adjusted, in accordance with the manufacturer's recommended procedures. This shall include keeping all malfunction reports and records of inspections and maintenance work performed.
- 8) Implementing a program for the maintenance of the stationary compactor which will incorporate the following elements:
 - a. Requirements for trained, competent maintenance employees or contractors to perform inspection and repair work.
 - b. Providing for the cleaning, inspection and repair of the stationary compactor in accordance with the manufacturer's recommendations, including periodic maintenance.
 - c. Ensuring that all required safety features are operational and functioning, and repairing, prior to placing into service, any reported malfunction or defect that affects the safe operation of the stationary compactor.
 - d. Ensuring that all caution, warning and danger markings required are installed and legible, or are replaced if damaged, defaced or missing.

- 9) Utilizing the manufacturer's recommended procedures for the control of hazardous energy sources (lock-out/tag-out) in a program complying with Part 1910.147 of Title 29 of the Code of Federal Regulations (OSHA).
- 10) Utilizing the manufacturer's recommended procedures for access control for permit- required confined spaces as part of the employer's program.
- 11) Repairing, prior to placing the stationary compactor into service, any mechanical malfunctions or breakdowns that affect the safe operations of the stationary compactor.
- 12) Protecting any person by one of the methods in 5.9.1, or by other means as effective as those means of protection. For stationary compactors fed by means of a loading pit conveyor, reciprocating floor, or push pit that is flush with or below the facility floor, providing the following.
- 13) Protection for employees by means of:
 - a. Training authorized employees to recognize and avoid the hazards associated with the pit area.
 - b. Limiting access within 6 feet (183 cm) of the edge of the pit to authorized employees.
 - c. Requiring that others whose employees use the pit area provide assurance of such training.
 - d. Limiting access by unauthorized persons by installing signs, such as: **"RESTRICTED AREA — AUTHORIZED EMPLOYEES ONLY"**.
 - e. Providing a device to the extent practicable, which prevents trucks or other motor vehicles that unload directly into the loading pit from rolling into the pit. When stationary compactors equipped with automatic start/cycling controls are provided, allowing their use only in locations where a startup alarm is utilized or it is demonstrated that automatic starting does not result in a risk of injury to persons.
- 14) Providing guard railings for dock ramps that meet U.S. Occupational Safety and Health Administration requirements. These shall be located around the loading chamber opening if walk-on ramps are used to deposit refuse into the loading chamber. Guard railings and toeboards shall be provided on the sides of docks and ramps.
- 15) Providing for an adequate work area around the stationary compactor for safe maintenance, servicing, and cleaning procedures.
- 16) Keeping all surrounding walking areas and floors free from obstructions, and accumulations of waste matter, grease, oil, and water.
- 17) Specifically inspecting safety these devices are not disabled or bypassed, and not to permit the stationary compactor to be operated unless these devices are fully functional.

These inspections shall be in accordance with "7" which requires the maintaining of records or employee reports of malfunctions; interlocks, switches, and other protective devices to ensure the following:

- That containers supplied can withstand the maximum forces generated by the compacting system.
- That loaders are aware of hazards and safety requirements; Ensuring that only authorized employees (18 years old or older) operate, inspect, or maintain stationary compactors.

- That only authorized employees (16 years old or older) load, but do not operate stationary compactors.
- Incorporating stationary compactors into the employer's safety program with following information to be included as a minimum set of guidelines to promote operator safety.

Operator and Employee Responsibilities

- 1) All operators who work on and around the stationary compactor shall:
 - a. Use all applicable safety features provided on the stationary compactor. Use the stationary compactor only after receiving instruction.
 - b. Report any damage to, or malfunction of, the stationary compactor by submitting a report to the employer/supervisor or responsible authority when the damage or malfunction occurs. Ensure prior to operating the compactor that access doors and service opening covers are in place, secure, and/or locked.
 - c. Ensure that the area of operation around container/cart lifting systems and the container will be clear of persons during all phases of the lifting operation prior to energizing the dumping system.
 - d. Ensure that all persons are clear of the stationary compactor point of operation before actuating any compaction cycle controls or container/cart lifting system controls and being prepared to stop the compaction cycle or container dumping operation if necessary.
 - e. Ensure that all persons are clear of the tailgate (on compactor-container combinations so equipped) before the tailgate is opened or shut. The operator shall warn all persons not to cross behind or under an open tailgate.
 - f. Use the stationary compactor in accordance the manufacturer's instructions, including ensuring the proper position of all locks, doors, guards, etc.
 - g. Ensure that no one disables or bypasses safety interlocks, switches, or other protective devices and that the stationary compactor is not operated unless these devices are fully functional.
 - h. Lock out the unit when inspecting malfunctions, jams, or other problems arising from daily operations; servicing; or performing maintenance (except maintenance testing). The affected employee shall identify the type and magnitude of the energy that the stationary compactor uses, shall understand the hazards, and know the methods to control the energy. Couple and/or secure a compatible container to a compactor frame as specified by the compactor and container manufacturer(s).
 - i. Operate, inspecting, and maintaining the stationary compactor only if 18 years old or older and after being properly instructed and trained.
 - j. Load, but not operating, the stationary compactor only if less than 18 years old.
- 2) Do not perform servicing and maintenance on stationary compactors where the unexpected energization or start up of equipment, or release of stored energy could cause injury to employees.
- 3) The owner/employer shall utilize the instructions provided by the manufacturer for the control of hazardous energy sources. The lock-out/tag-out procedure shall isolate and render safe all energy sources, including electrical, mechanical, hydraulic, pneumatic, chemical, thermal or

other potential sources of energy (e.g., gravity, kinetic, etc.). It shall be used to ensure that the compactor is stopped, isolated from all potentially hazardous energy sources and locked out before employees perform any servicing or maintenance where the unexpected energization or start-up of the compactor or release of stored energy could cause injury.

- 4) The lock-out/tag-out procedure shall include but is not limited to the following: Procedures for the control of hazardous energy sources (lock-out/tag-out) The owner/employer shall have a hazardous energy control (lock-out/tag-out) procedure to follow when:
 - a. Shutting down all power sources
 - b. Removing keys or other devices that enable the stationary compactor
 - c. Installing a tag on an appropriate location, using a non-reusable fastener, or installing a similar warning device
 - d. Placing operating components in such a position so as not to be subject to possible free fall and/or installation of additional blocking devices to prevent such free fall of any raised or elevated component; and
 - e. Relieving stored hydraulic or pneumatic pressure, after blocking devices are installed, if maintenance is to be done to the hydraulic or pneumatic system.
- 5) The procedure shall address the following:
 - a. Sequence of lockout for the compactor:
 - i. Notify all affected employees that servicing or maintenance is required on a compactor and that the compactor must be shut down and locked out to perform the servicing or maintenance.
 - ii. The authorized employee shall refer to the company procedure to identify the type and magnitude of the energy that the compactor utilizes, shall understand the hazards of the energy, and shall know the methods to control the energy.
 - iii. If the compactor is operating, it must be shut down by the normal stopping procedure (depress stop button, open switch, close valve, etc.).
 - iv. Deactivate the energy isolating device(s) so that compactor is isolated from the energy source(s).
 - v. Lock out the energy isolating device(s) with assigned individual lock(s).
 - vi. Stored or residual energy must be dissipated or restrained by methods such as grounding, repositioning, blocking, bleeding down, etc.
 - vii. Ensure that the compactor is disconnected from the energy source(s) by first checking that no personnel are exposed, then verify the isolation of the equipment by operating the push button or other normal operating control(s) or by testing to make certain the equipment will not operate. **Caution: Return operating control(s) to neutral or "off" position only after verifying the isolation of the equipment.**
 - b. Restoring the compactor to service. When the servicing or maintenance is completed and the compactor is ready to return to normal operating condition, the following steps shall be taken:
 - i. Check the machine or equipment and the immediate area around the machine or equipment to ensure that nonessential items have been removed and that

- the machine or equipment components are operationally intact. NOTE: The machine or equipment is now locked out.
- ii. Check the work area to ensure that all employees have been safely positioned or removed from the area.
 - iii. Verify that the controls are in neutral.
 - iv. Remove the lockout devices and reenergize the machine or equipment. NOTE: The removal of some forms of blocking may require re-energizing of the machine before safe removal.
 - v. Notify affected employees that the servicing or maintenance is completed and the machine or equipment is ready for use.
- 6) Procedures for work in confined spaces "permit required confined spaces," such as integrated power units shall utilize the manufacturer's instructions for the hazardous energy control (lock-out/ tag-out) procedure which shall isolate and render safe energy sources, including electrical, mechanical, hydraulic, pneumatic, chemical, thermal or other potential sources of energy (e.g., gravity, kinetic, etc.); which may create a hazard during entry into each of those confined spaces. The owner/employer shall have a written procedure for work in confined spaces meeting the criteria of: a) entrances to those confined spaces for which hazardous energy control procedures are provided, such as, "Warning — Follow lock- out/tag-out procedures." b) near the entrances to those confined spaces for which hazardous energy control procedures are provided, such as, **"Danger — Confined Space."** These instructions shall include the requirement to affix a sign and/or warning label to the stationary compactor at or near the control panel or near the entrances to those confined spaces for which hazardous energy control procedures are provided, such as, **"Danger — Confined Space."**

Safety and Training

General

Employers shall evaluate and manage safety issues related to the operation of stationary compactor Safety program.

Safety Program

The employer's program shall include at a minimum the following elements:

- 1) A hazard assessment in which the employer conducts a review of the various types of stationary compaction equipment that the employer utilizes and the hazards associated with them and, review and assess the capabilities, qualifications and training of any person who may potentially encounter these hazards.
- 2) An evaluation of the means and methods of controlling the hazards identified in the hazard assessment, including information such as industry and regulatory requirements; instructions for the operation, inspection, and maintenance of stationary compactors, and other information appropriate to the hazards that are identified.
- 3) A written program, based upon the hazard assessment and evaluation, to include procedures for the operation, inspection, and maintenance of stationary compactors, prohibited practices, record keeping, training requirements, and normative references to documents, such as operating manuals, that are relied upon and may be required as part of that program.
- 4) A program, conforming to this safety program, for the implementation of the written program.
- 5) Periodic review and program revisions as necessary to ensure the effectiveness of the safety program.
- 6) Those persons/parties engaged in the operation, cleaning, maintenance, service or repair of stationary compacting equipment (including third party contractors) are properly trained for their assigned jobs and tasks and shall be advised of the unique hazards related to the equipment that may affect the activities in which the contractor's employees will be engaged.

General Training

Employers shall ensure all employees, including supervisors, contract laborers, and all other persons engaged in the operation, cleaning, maintenance, service or repair of baling equipment are properly trained for their assigned jobs and tasks. Contractors who may be engaged to operate or maintain the employer's balers shall be advised of the unique hazards related to the equipment that may affect the activities in which the contractor's employees will engage.

Training Frequency

Training shall be provided upon initial assignment to a job or task, with periodic refresher training to maintain the required level of competence. Retraining shall be provided for employees whenever their job assignments change, or an equipment change occurs that presents a new hazard. Employers shall ensure all employees, including supervisors, contract laborers, and all other persons be provided

whenever the employer has reason to believe, or periodic inspections reveal, that employee deviations from procedures have occurred, or inadequacies in the employee's knowledge of procedures become evident.

Instructional Information

Employers are required to refer employees to, and have readily available, the manufacturer's instructions to ensure correct operating and maintenance procedures and work practices are understood and followed. Employers are required to ensure employees possess knowledge and skills to safely operate the stationary compactor.

Contract Labour

Employers shall ensure for each job or task performed that training is provided either by the contract laborer's parent employer or by the employer.

Training Records

Records are required to be maintained as required by applicable regulations. Contractors and contract laborers are required to provide the employer with appropriate training records upon demand.

Equipment Specific Training

Training shall be tailored for individual operations and the type of equipment utilized including detailed, equipment-specific training for machine operators, as well as maintenance personnel and supervisors who must operate equipment as part of their job duties. Training shall include practical demonstration of equipment operation knowledge and skills by the employee, as appropriate to the requirements of the employee's job duties.

Training Requirements

Employers are required to maintain training records to include the date(s) of the training and the type. Training is required to include at a minimum:

- 1) The necessary training as identified in the hazard assessment.
- 2) The training required by laws and regulations, such as those of federal and state Occupational Safety and Health Administrations, the Departments of Transportation, and other applicable regulatory agencies.
- 3) Operational instruction on each specific type of equipment used by the employee, including the instructions provided with the equipment.

Operating Instructions

The TP series compactor comes equipped with 3 operating panels:

Power Pack Panel, equipped with:

- ON/OFF Disconnect Power Switch
- Emergency Stop Button

NOTE: In order to power up the system the disconnect must be in the "ON" position.

Remote Operator Panel, equipped with:

- Keyed Power 'ON' Switch
- Manual/Continued Cycle Switch
- Main Pump Stop Button
- Auto Cycle Stop Button
- RAM Forward/Reverse Switch
- Low Oil Level Light
- Advanced Warning Light
- Power ON Light
- Main Pump Start Button
- Auto Cycle Start Button
- Emergency Stop Button
- Change Oil Filter Light
- Oil Temperature Shutdown Light
- Container Full Light

1. To power up the panel, insert the key into the on switch and turn to the "ON" position. The green "POWER ON" light will illuminate.
2. To operate the system in continuous cycle mode, turn the selector switch to the "CONT CYC" setting and then depress the "AUTO CYCLE START" button and hold for 5 to 10 seconds. The warning buzzer will energize for approximately 10 to 15 seconds and the strobe light will remain illuminated until the auto cycle has ended. **NOTE:** In this mode the compactor will continue to cycle unless it is interrupted by the operator.
3. To stop the auto-cycle mode, depress the "AUTO CYCLE STOP" button.
4. To operate the system in manual mode, turn the "MAN/COC - CYC" selector switch to "MAN". Then depress the "MAIN PUMP START" button to start the motor/pump on the main power unit. Then choose either the "FORWARD or REVERSE" position on the "FOR - OFF - REV" switch. If the switch is released the ram will stop moving.
5. If an emergency situation occurs, depress the "EMERGENCY STOP" button and all power to the compactor will shutdown. The E-Stop is part of the safety circuit and when depressed the compactor will shutdown automatically. The E-Stop must be pulled out to power up the system again. **NOTE:** All panels are equipped with an E-Stop for emergency shutdown of the compactor.
6. **NOTE:** In order to use the remote operator panel on the side of the compactor, this panel must be turned "OFF".
7. "CHANGE OIL FILTER WARNING" light: when this light illuminates, it is time to change the oil filter on the main power unit.
8. "LOW OIL LEVEL" light: when this light illuminates, the oil level in the main power unit must be topped up.
9. "OIL TEMP SHUTDOWN" light: when this light illuminates, shut the compactor down immediately as hot oil can damage major components in the hydraulic circuit. Call a qualified

technician or your in-house maintenance technician to troubleshoot the problem. Do not restart the compactor until the problem has been identified and corrected.

10. **"ADVANCE WARNING"** light: will illuminate when the trailer is 75% full.
11. **"CONTAINER FULL"** light: will illuminate when the trailer is full. It is now time to remove the trailer and replace it with an empty one.

Remote Trailer Locking System Panel, equipped with:

- Emergency Stop Button
 - Trailer Locking System Switch
 - Keyed Power Switch
 - RAM Forward/Reverse Switch
1. To operate the trailer locking system, insert the key into the **"ON/OFF"** switch and turn it to the left. Next, remove the key and insert it into the **"TRAILER UNLOCK/LOCK"** switch. If you need to unlock the compactor from the trailer, turn the key to the left. To lock the compactor to the trailer, turn the key to the right.
 2. To operate the ram from this panel, insert the key into the **"ON/OFF"** switch and turn it to the left. Next, turn the **"RAM FOR/REV"** selector switch to the **"FOR"** position to move the ram forward, or to the **"REV"** to reverse the ram back to its home position. **NOTE:** These controls are **"hold to run"** type and when they are released the ram will stop.

NOTE: This compactor is equipped with remote monitoring. The hardware can be activated remotely by our technicians during the warranty period. If the client would like to have access to this upgrade, a monthly monitoring fee will apply. Please contact Laura @ (905) 426-6442 x221 to set this up.

The following parameters can be adjusted via this state of the art SCADA system:

1. Horn light run time
2. Forward watchdog timer
3. Reverse watchdog timer
4. Trailer unlock off delay timer
5. Trailer lock off delay timer
6. Ram forward off delay timer
7. Ram reverse off delay timer
8. Start delay timer
9. Container full max pressure
10. Filter back pressure
11. Eighty percent pressure
12. Regen pressure switch
13. Compaction pressure switch
14. High pressure switch

Troubleshooting Guide

This section is designed to assist the operator in making a quick determination as to the reason(s) for the compactor not functioning correctly. It is not meant to replace trained technicians and we are not suggesting that the operator perform his/her own repairs unless he/she has received the proper training with respect to servicing and repairing hydraulic based machinery. Attempting such repairs without the proper training could result in severe injury and/or death. We strongly recommend that you contact your immediate supervisor when you find that the compactor is not functioning correctly.

No Power

- 1) Check the main power source (disconnect and/or circuit breaker) to ensure it is on.
- 2) Check if the control power is on.
- 3) Check the e-stop to ensure it is not engaged.
- 4) Check/reset overloads.
- 5) Check motor starter contacts for wear.
- 6) Check all safety switches.
- 7) Check access doors and gates to ensure they are closed.

Interlock Switch

- 1) Switch malfunction (should be replaced).
- 2) Switch malfunction (needs adjustment).
- 3) Door/gate not closed properly.

Motor Overload Tripped

- 1) Reset overload on motor starter.
- 2) Check current load.

Blown Fuses

- 1) Replace fuses.

Electrical Malfunction

- 1) Perform electrical system continuity check.
- 2) Replace any/all malfunctioning devices.
- 3) Tighten all terminal strips and wire connections.
- 4) Check photo eye for alignment.

Door Safety Sensor

- 1) Door not closed.
- 2) Safety sensor malfunction.
- 3) Safety switch out of adjustment.

Oil Level

- 1) Check oil level gauge on reservoir with ram retracted. Add if required.

Directional Valve

- 1) Check valve solenoid.
- 2) Push in manual override, pin is in center of solenoid.

Pump Rotation

- 1) Check fan rotation on motor.
- 2) Fan should run clockwise.

Electrical Malfunction

- 1) Perform an electrical system continuity test.

Ram Jammed (Jam Light On)

- 1) Reverse ram.
- 2) Clear material from hopper to free up ram.
- 3) Remove material from between ram bottom and compactor floor.

Relief Valve

- 1) Check relief setting.
- 2) Replace valve.

Low Pump Pressure

- 1) Check for loose intake fittings.
- 2) Check for proper rotation.
- 3) Replace pump.

Low System Pressure

- 1) Check motor draw (amp draw).
- 2) Check relief valve for malfunction.
- 3) Check pump wear.
- 4) Check for loose intake fittings.
- 5) Check oil level.

Pressure Switch

- 1) Incorrect pressure setting.
- 2) Poor electrical contact.

Cylinder

- 1) Check for gland or cap leak.
- 2) Check for internal bypass.

Solenoid

- 1) Check for correct shifting.

Ram Will Not Move

- 1) Check oil level.
- 2) Check oil quality.
- 3) Replace oil and filter if oil is contaminated.
- 4) If cold weather exists check oil viscosity.
- 5) Confirm that oil heater is working.
- 6) Replace heater.

Low Oil Viscosity

- 1) Confirm oil heater is working.
- 2) Replace heater.
- 3) Drain tank and replace with low temperature oil (-60°C).

Compactor Pump Runs Noisily

- 1) Check oil level.
- 2) Check oil quality.
- 3) Check oil viscosity.

Ram Runs Noisily

- 1) Check for debris under ram (clear as necessary).
- 2) Lubricate ram as required.
- 3) Cylinder pin may need grease.

Noise at Directional Valve

- 1) Worn valve.
- 2) Inspect spring inside.

Fan Hitting Shroud

- 1) Remove shroud and align fan on shaft.
- 2) Realign shroud and tighten shroud bolts.

Pump Noise

- 1) Low oil level (add oil as required).
- 2) Worn pump (replace).
- 3) Air leakage in oil (check for foamy hydraulic fluid in reservoir).

Electrical Information

The compactor was shipped pre-wired to a specific voltage (208/230/460/575V, 3 phase) as shown on the label affixed to the main control panel. The tag affixed to the motor will also list the voltage of the power unit.

Check the onsite power to ensure that it agrees with the power shown on the panel label. If these do not agree then **DO NOT** connect the compactor to the onsite power or serious damage could be done to the control panel and power unit. Contact a licensed electrician to run a new service that matches the voltage of the compactor. The panel must be connected to a properly sized disconnect. If your electrician is unsure of the correct size, then contact your local electrical authority. The disconnect must be equipped with time delay fuses and must be located within 10 feet of the main control panel and within line of site.

When the service to the compactor has been connected turn the compactor on. If the ram moves, then the incoming phases have been connected correctly. If the motor turns but the ram does not move, then the phases have been connected backwards. The fan rotation can also be observed. If the fan of the motor is not turning clockwise then the pump will not develop pressure. Reverse two of the incoming wires and start the compactor again. The ram should now move.

The compactor must be connected to a ground via the incoming service. A qualified electrician should be consulted if there is any doubt as to whether the compactor in feed is properly grounded.



ORIGINAL BID DOCUMENTS SECTION



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Purchasing Department

(203) 256-3060
FAX (203) 256-3080

BID #2020-18 TRANSFER STATION FACILITY TRASH COMPACTORS

TOWN OF FAIRFIELD
PURCHASING AUTHORITY
725 OLD POST ROAD
INDEPENDENCE HALL
FAIRFIELD, CT 06824.

Date Submitted OCTOBER 21, 2019.

Bidder:

REACTION DISTRIBUTING INC.
Doing Business As (Trade Name)

SEALED BIDS are subject to the standard

instructions set forth on the attached sheets.
Any modifications must be specifically
accepted by the Town of Fairfield,
Purchasing Authority.

19 BROCK STREET

Address

ADAM, ONTARIO, CDA., LIS 159

Town, State, Zip

LARRY VINE, PRESIDENT

(Mr./Ms.) Name and Title, Printed

Signature

(905) 426-6442 x222

Telephone

larry@reactiondistributing.com
E-mail

First Selectman

Director of Purchasing

Date

Scaled bids will be received by the Purchasing Authority at the office of the Director of Purchasing, First Floor, Independence Hall, 725 Old Post Road, Fairfield, Connecticut 06824, up to:

11:00AM, Wednesday, 9th October, 2019

To provide labor, materials, equipment, and all else necessary, to remove and replace the two (2) existing Stationary Trash Compactors and supply and install (2) new Heavy Duty Stationary Trash Compactors at the Town's Transfer Station Facility that meets the specifications outlined in this bid document.

NOTES:

1. Bidders are to complete all requested data in the upper right corner of this page and must return this page and the proposal page with their bid.
2. No bid shall be accepted from, or contracts awarded to, any person/company who is in arrears to the Town of Fairfield upon debt, or contract or who has been within the prior five (5) years, a defaulter as surety or otherwise upon obligations to the Town of Fairfield.
3. Bid proposals are to be submitted in a sealed envelope and clearly marked "BID #2020-18" on the outside of the envelope, including all outer packaging, such as, DHL, FedEx, UPS, etc.
4. It is the sole responsibility of the bidder to see that the bid is received by the Fairfield Purchasing Department prior to the time and date noted above. Bid proposals are not to be submitted via email or fax.
5. Bid proposals are not to be submitted with plastic binders or covers, nor may the bid proposal contain any plastic inserts or pages.

INVITATION TO BID

The Town of Fairfield (Town) on behalf of its Solid Waste and Recycling Department is seeking competitive bids from qualified contractors to remove the two (2) existing stationary trash compactor units, and supply, deliver, and install two (2) new Heavy Duty Stationary Trash Compactors at the Town's Transfer Station Facility based on the specifications outlined in this bid document.

Location: Transfer Station, 530 Richard White Way, Fairfield, CT

PRE-BID MEETING

A site meeting will commence at the Transfer Station, 530 Richard White Way, Fairfield, at 10:00 am on Tuesday, 1st October, 2019 for prospective bidders to review the existing site conditions.

- While the meeting is non-mandatory, prospective bidders are strongly encouraged to attend and will be required to sign-in at commencement of the meeting. The sign-in sheet will be posted on the Purchasing Department website as below. Copies will not be made available at the meeting, nor will they be faxed out.
- All requests for information will be answered in writing as specified below under Addenda/Requests for Information (RFI).

ADDENDA/REQUESTS FOR INFORMATION (RFI)

Addenda concerning important information and/or modifications to specifications will be posted on the Fairfield Purchasing Department website at www.fairfieldct.org/purchasing.

- It is each Bidder's sole responsibility to monitor the above website for all updated information.
- Addenda will not be mailed, e-mailed or faxed out.
- Written requests for information will not be accepted after 11:00am on Thursday, the 3rd of October, 2019.
- Verbal requests for information via phone or other means will not be accepted.
- Failure to comply with these conditions will result in the bidder waiving the right to dispute bid specifications and conditions, no exceptions.

Questions concerning this bid must be submitted in writing and directed only to:

Ms. Lee A. Flaherty, Junior Buyer: LFlaherty@fairfieldct.org

Response will be in the form of an addendum that will be posted approximately Friday, 4th October, 2019 to the Town of Fairfield website, which is www.fairfieldct.org/purchasing. It is the responsibility of each bidder to retrieve addenda from the website. Any contact about this bid between a Bidder and any other Town official and/or department manager and/or Town of Fairfield employee, other than as set forth above, may be grounds for disqualification of that Bidder. No questions or clarifications shall be answered by phone, in person or in any other manner than specified above.

BID BOND / BID SECURITY

A five (5) percent bid bond or equal approved security as stated per the Terms and Conditions must be submitted with the proposal.

All bonds, including payment and performance bonds when applicable, shall be written by a surety company or companies licensed to issue bonds in the State of Connecticut, and shall have at least an A-VII policy holders rating, as reported by A.M. Best Rating Services, or otherwise deemed acceptable by the Town. The Town always reserves the right to reject surety companies, if an approved surety bond cannot be provided the bidder shall be deemed non-responsive.

A complete list of certified surety companies can be accessed on the U.S. Government Department of Treasury website: https://www.fiscal.treasury.gov/fsreports/ref/suretyBnd/c570_a-z.htm

Scope of Work

I. Removal of the existing stationary trash compactors and associated fixtures and equipment:

- Removal of the 2 existing stationary trash compactors. Existing trash compactors are Marathon model RJ-575HD. These existing units were supplied and installed in January, 2019. These units are not meeting the Town's trash compacting requirements. The Town is looking to trade in these two (2) units to partially offset the cost of two (2) new heavy duty stationary trash compactor units.
- Removal of existing structural steel stand on which compactors are installed is to be included.
- Removal and disposal of existing hydraulic pump systems associated with each of the 2 existing trash compactors. Contractor shall disconnect electrical services and hydraulic fluid piping connections to each pump system in such manner to allow reuse of existing electrical services and piping without repair (i.e. no cutting of electrical conduits, wiring or hydraulic fluid piping). Contractor shall dispose of, or recycle hydraulic fluid in accordance with all applicable regulations.
- Removal and disposal of the existing control equipment & wiring for each existing stationary trash compactor. This control equipment may be located on the same level as the compactors and in the control office located on the tipping floor level.
- Upon removal of the existing stationary trash compactors, the Contractor shall be responsible for removing any accumulated waste in the room in which the trash compactors are located.
The room shall be cleaned to "broom swept" condition or as necessary to install the new trash compactors as described in item #2 below.

Scope of Work (continued)

- Removal of the existing hydraulic ram cylinder, including middle cylinder support, within the transfer station push pit.
- Removal of existing hydraulic pump system associated with the push pit hydraulic ram. Contractor shall disconnect electrical services and hydraulic fluid piping connections to the pump system in such manner to allow reuse of existing electrical services and piping without repair (i.e. no cutting of electrical conduits, wiring or hydraulic fluid piping). Contractor shall dispose of or recycle hydraulic fluid in accordance with all applicable regulations.
- Removal of the existing control equipment & wiring for each of the push pit hydraulic ram. This control equipment may be located on the same level as the trash compactors
- Removal of the guide on the underside of the existing push pit ram.

2. Supply and install two (2) new Heavy Duty Trash Compactors, power units, and associated fixtures and equipment.

- All equipment is to be new and unused.
- Supply and install two (2) new Heavy Duty Trash Compactors meeting the minimum specification noted under the requirements below. Supply and install new structural steel stands on which trash compactors are to be installed. Trash Compactors are to be installed so that any waste is ejected into the transfer trailers currently utilized by the Town.
- Trash Compactors are to be capable of tightly and securely connecting to the Town's existing transfer trailers via hydraulic latch mechanism located beneath transfer trailer. Latch mechanisms to be equal to those on the existing Marathon Compactors.
- Supply and install new hydraulic pump systems associated with each of the two (2) new trash compactors. Contractors shall provide all labor, materials, equipment needed to make the necessary electrical and hydraulic connections to new equipment. Contractor shall re-use existing electrical services and hydraulic piping to the extent possible.
- Supply and install new control package for two (2) new Heavy Duty Trash Compactors within the proposed Transfer Station Facility. A full set of controls shall be provided, as well as low oil, high temperature, advance warning, and full container indicator lights. Controls shall permit continuous operation of trash compactors. Contractor to provide all conduit and wiring necessary to complete work and make all necessary electrical connections.
- Supply and install jog control station at the charge box end of each trash compactor. The jog control station shall consist of a three position key switch (remote, off, bypass) and a three position selector switch (ram extend, off, ram retract). Contractor to provide all conduit and wiring necessary to complete work and make all necessary electrical connections.
- Modify the existing steel plate hoppers at each of the two floor openings as necessary to fit the new heavy duty trash compactors to be installed. The intent is to increase the hopper openings (height, width, and depth) as part of this project. All seams are to be field welded and ground smooth to the satisfaction of the Town.
- Contractor shall be required to make any repairs or improvements to the existing concrete walls and floors that may be necessary to facilitate the installation of the new equipment and fixtures. The Contractor shall provide construction drawings stamped by a Connecticut licensed professional engineer, for all structural components and connections, including, but not limited to, compactor stands, plate steel hoppers, and push pit and hopper perimeter guards. The Contractor shall provide evidence, stamped by a CT licensed professional engineer, that the existing concrete floor is adequate to support the new trash compactors and equipment. If the existing floor is not adequate to support the new trash compactors, the contractor shall make any necessary improvements to the floor. The design of such improvements, stamped by a licensed Connecticut professional engineer, shall be submitted for review and approval. All submittals shall be submitted for review and approval prior to the start of construction.
- The Contractor shall provide start-up training to Town employees and testing to ensure the trash compactor systems are functioning as designed prior to the completion of work. The Contractor shall provide the services of qualified manufacturer's representatives for at least 2 days of operation by the Town or until the systems are operating as designed.
- **Add Alternate** - Supply a spare hydraulic system motor capable of being installed in either stationary trash compactor power pack unit for the stationary trash compactors in order to limit downtime at the facility. The Contractor shall not be responsible for installing the spare motor.

3. Supply and install push pit ram hydraulic cylinder, power unit and associated fixtures and equipment.

- All equipment to be new and unused.
- Supply and install new hydraulic cylinder and power system for the existing ram located within the transfer station push pit meeting the minimum specifications detailed below. Contractor shall provide all materials, equipment and manpower necessary to make necessary electrical and hydraulic connections to new equipment.
- Supply and install new hydraulic pump systems associated with each of the 2 new trash compactors. Contractor shall provide all materials, equipment and manpower necessary to make necessary electrical and hydraulic connections to new equipment.
- Supply and install new control package for new hydraulic cylinder and power system. Full set of controls shall be provided as well as low oil and high temperature lights. Contractor to provide all conduit and wiring necessary complete work and to make all necessary electrical connections.

Scope of Work (continued)

- Supply and install water tight jog control station at transfer station tip floor level, in the location directed by the Town. The jog control station shall consist of a three position key switch (remote, off, bypass) and a three position selector switch (ram extend, off, ram retract). Contractor to provide all conduit and wiring necessary to complete work and make all necessary electrical connections.
- Contractor shall be required to make any repairs or improvements to the existing concrete walls and floors that may be necessary to facilitate the installation of the new equipment and fixtures. The Contractor shall provide construction drawings stamped by a Connecticut licensed professional engineer, for all structural components and connections, including, but not limited to, compactor stands, plate steel hoppers, and push pit and hopper perimeter guards. The Contractor shall provide evidence, stamped by a CT licensed professional engineer, that the existing concrete floor is adequate to support the new compactors and equipment. All submitted for review and approval prior to the start of construction.
- The Contractor shall provide start-up training to Town employees and testing to ensure the hydraulic ram system is functioning as designed prior to the completion of work. The Contractor shall provide the services of qualified representatives for at least 2 days of operation by the Town the or until the systems are operating as designed.

4. Complete push pit improvements.

- Supply and install new ¼" AR400 abrasive resistant steel plate lining on the push pit floor and walls. Plate steel lining to be securely fastened to the interior walls of the push pits without any protrusions beyond the face of the steel so as not to impede the hydraulic ram motion. All seams to be field welded and ground smooth to the satisfaction of the Town.
- Design, supply and install a new push pit hydraulic ram guide system that does not incorporate rollers and minimizes the number of moving parts in order to minimize maintenance and likelihood of failure.

5. Training, Maintenance, and Manuals.

- Contractor shall provide at minimum a one (1) hour training session on the use and operation of the installed equipment to take place within 30 days of equipment installation.
- Contractor shall provide training that addresses (a) day to day operations, (b) equipment safety overview, (c) advanced operations of the equipment, (d) equipment maintenance.
- Contractor shall provide two (2) hard copies and one (1) electronic copy of all manufacturer maintenance manuals for installed equipment.
- The maintenance manual shall provide specific reference as to the requirements of routine maintenance of the installed equipment and provide an overview of what is necessary to maintain and operate the equipment.

REQUIREMENTS

Performance

- A. Minimum charge box capacity as rated WESTEC – 10.2 cu yds.
- B. Minimum charge box capacity as rated by manufacturer – 15 cu yds.
- C. Minimum clear top opening – 77.5" wide x 123" long
- D. Maximum cycle time – 45 seconds (dry cycle)
- E. Compaction force:
 - 1. Minimum normal force – 140,000 lbs.
 - 2. Minimum maximum force – 159,000 lbs.
- F. Pound per square inch on ram face:
 - 1. Minimum normal force – 36.8 psi
 - 2. Minimum maximum force – 41.8 psi
- G. Minimum ram penetration – 48"

Structural

A. Body Assembly

1. The packer sides shall be constructed of 3/8" plate with 3/8" T1-400 plate liners in charge box area. Liners shall be plug welded.
2. Each side shall be reinforced with (1) 6" x 2" x 1/4" structural tube at top and (1) 4" x 4" x 1/4" structural tube at bottom running the full length of the machine, (12) 1/4" formed channels mounted vertical and strategically spaced down the length of the machine with (2) 6" x 4" x 1/4" tubes mounted vertical at front corner.
3. The rear cylinder support shall be constructed of minimum 18" channels @ 58#/ft. A middle support for the cylinder shall also be provided.
4. The packer floor shall be 1/2" plate supported by (16) 6" channels @ 13#/ft. and lined with 1/2" T1-400 plate. Liners shall be plug welded.
5. The breaker bar shall consist of (2) 2" plates, gusseted for maximum strength.
6. Skids shall consist of (4) 8" channels @ 18.75#/ft. and gusseted back to floor x-members.
7. Wear guides shall be 1 1/4" x 1 1/2" 1018 CR bar and shall be bolted on.

REQUIREMENTS (continued)

B. Ram Assembly

1. The ram face shall be 1 1/2" plate supported by (4) 2" x 12" plates mounted vertical and running full height of ram.
2. The ram top shall be 1/2" thick plate supported by (10) 4" channels and (3) 4" I-beams with those members further supported by (4) 4" channels and (2) 4" x 4" x 1/4" structural tubing running the length of the ram.
3. The ram sides run 3/4 the length of the ram and are constructed of 3/8" A-514 plate, supported with (4) 4" channels and (2) 4" x 1/4" structural tubing.
4. The ram floor shall be 1/2" plate lined with 1/2" T1-400 plate and (4) 4" channels for support.
5. The ram wiper shall be 3/8" plate, hinged at the top, and welded to the charging chamber cross-members.

C. Trailer Locking Mechanism

1. Compactor platform shall be equipped with retractable hydraulic scissor assembly guided with replaceable UHMW (Ultra-high-molecular-weight polyethylene) and supported with 1/2" plate and 4" x 4" x 1/4" tubing to facilitate trailer securement.
2. Power unit for locking mechanism shall be provided.

Hydraulic

A. Pump capacity shall be minimum 100 gpm

B. System pressure

1. Normal system pressure shall be 2200 psi
2. Maximum system pressure shall be 2500 psi

C. Minimum hydraulic cylinder shall be 9" bore, 6" rod and 173 1/2" stroke

D. Reservoir capacity shall be 200 gallon.

E. Oil Cooler shall be provided to prevent hydraulic system overheating.

Electrical

A. Motor shall be Baldor – 3 phase, 60 cycle, 460 volts (or approved equivalent)

B. Motor Control Panel

1. Motor Control Panel shall carry Underwriters Laboratory Label, National Electrical Code and be NEMA 4 rated.

1. Control Description

1. Start buttons shall be recessed or located to prevent unintentional activation.
2. Stop buttons, shall be red and mushroomed.
3. For emergencies, a means of stopping and controlling movement ram will be provided.
4. The standard controls, which are as follows (keylock start/mushroom stop/reverse) are mounted in electrical panel box face with a hard wired remote located on the tipping floor on the rear wall behind the hopper box with flashing red light when motor is powered on.
5. Control buttons shall be Allen Bradley 800T (or approved equivalent).
6. PLC shall be used for controlling compactor
7. Keyed on/off switch – The key must be inserted into the key switch and turned to the on position to allow voltage to the control panel.
8. Power on push button – Pressing this button after the key switch has been turned on shall supply voltage to the inputs and outputs for the programmable controller. This button will be illuminated and should stay illuminated.
9. Manual/Continuous cycle selector switch – shall set the mode of operation. Manual to operate the machine manually, continuous cycle to allow the machine to cycle continuously. **(UNIT SHALL BE WIRED AT SITE**

FOR SINGLE CYCLE OPERATION AT ALL TIMES)

10. Main motor start – This button must be pressed and held for 20 seconds to allow main motor start.
11. Autocycle start – with the manual/continuous cycle selector switch in continuous cycle position, pressing this button sets the machine in continuous cycle mode. The machine will cycle and continue to cycle until the container is full, or the auto cycle stop is pushed. To be provided, but not programmed for use.
12. Auto cycle stop – Pressing this button shall stop the machine from continuously cycling. The ram shall stop, even in middle cycle. To be provided, but not programmed for use.
13. Emergency stop button – Pressing this button shall stop the machine in the event of an emergency. This button can be used any time the machine needs to stop. Pressing this button shall turn all input and output voltage off.
14. Forward/Reverse – This switch shall be used in manual mode. This switch shall be spring return and held for continuous operation.
15. Low oil level light – Shall be provided to notify operator that oil level is too low to continue operation of machine.
16. Change filter light – Shall be provided and illuminate when return line filter is clogged or needs changing.
17. Conduit and Feeders to power unit will be supplied by other. Bidders are required to submit schematics, wiring diagrams, drawings of proposed unit with all measurements and will be responsible for giving locations to electrical contractor for all pipe locations required to operate unit as specified.

Preparation and Paint

The entire unit shall be steam cleaned to remove all grease, grime and scale, and shall be phosphatized to assure paint adhesion. The unit shall be primed with no less than 2 mils alkyd enamel primer and top coated with no less than 2 mils alkyd enamel paint.

Warranty: One (1) year on parts and labor. Provide pricing for extended warranty package for an additional two (2) year period.

Delivered units must include anything necessary but not specifically mentioned to have a complete and operational unit. This includes, but is not limited to any and all maintenance manuals for installed Transfer Station Compactors and Control Panel.

BID PROPOSAL FORM

PROPOSAL TO: Town of Fairfield, Purchasing Department
First Floor, Sullivan Independence Hall
725 Old Post Road, Fairfield, Connecticut 06824

I, LARRY VINE have received the following contract documents,

1. Bid Document #2020-8,
2. Addenda 1 through 3 posted at www.fairfieldct.org/purchasing and have included their provisions in my proposal. I shall provide all labor, materials, tools, equipment, permits, taxes and insurances, etc., to supply, deliver, and install (2) new Heavy Duty Transfer Station Trash Compactors as detailed in the attached specifications.

Quantity	Item Description	Price
2	15 Cubic Yard Heavy Duty Transfer Station Trash Compactors	\$ <u>287,426.00</u>
	Manufacturer: <u>REACTION DISTRIBUTING INC.</u>	Model: <u>TP-220XHD</u>
	Removal of existing equipment	\$ <u>INCLUDED</u>
	Trade in savings on the existing 2 trash compactors being replaced	\$ <u>INCLUDED</u>
	Supply and Install new equipment including the enlargement of the existing hopper to match the new trash compactors.	\$ <u>INCLUDED</u>
	Maintenance Manuals	\$ Included
	Total Price:	\$ <u>287,426.00</u>
	Add Alternate:	\$ <u>INCLUDED @ \$4998.00</u>

Exceptions: (if any): NO EXCEPTIONS

The lump sum amounts for each option shall include, but are not limited to, the cost of all labor, materials, equipment, tools, mobilization, total freight, permits (where not waived by the Town), licenses, overhead and profit, taxes (except from which Owner is exempt) and insurances.

CHECKLIST

The following must be submitted with proposal:

- ☒ Cover page, completed and signed.
- ☒ Copy of Certificate of Insurance. SAMPLE COPY PROVIDED.
- ☒ Addenda acknowledged per Item 2 on Bid Proposal Form, or
- ☐ Signed and submitted with modified pricing if requested. NOT REQUESTED.
- ☒ List of references where projects performed of comparable size and scope within the past three years.
- ☒ Schedule of values. DETAILED QUOTATION INCLUDED.
- ☒ List of all subcontractors identifying each trade, hourly rates, and Tax ID number.
- ☒ Bid Bond or equal approved security. CASHIERS CHECK
- ☒ Exceptions itemized and attached to Bid Form.
- ☒ Two (2) hard copies and one (1) electronic copy of all manufacturer maintenance manuals.
- ☒ Bid Proposal Form

The Bidder hereby certifies that any and all defects, errors, inconsistencies or omissions of which he/she is aware, either directly or by notification from any sub-bidder or material supplier found in the Contract Documents are listed herewith in this Bid Form.

Name LARRY VINE Title PRESIDENT Signature [Signature] Date 31/10/19

**PURCHASING AUTHORITY
TOWN OF FAIRFIELD
INSTRUCTIONS FOR BIDDERS
TERMS AND CONDITIONS OF BID**

BID PROPOSALS

Bid proposals are to be submitted in a sealed envelope and clearly marked on the outside "**BID #2020-18**" including all outer packaging such as DHL, FedEx, UPS, etc. All prices and notations must be printed in ink or typewritten. No erasures are permitted. Bid proposals are to be in the office of the Purchasing Authority, First Floor, Independence Hall, 725 Old Post Road, Fairfield, Connecticut, prior to date and time specified, at which time they will be publicly opened.

RIGHT TO ACCEPT / REJECT

AFTER REVIEW OF ALL FACTORS, TERMS AND CONDITIONS, INCLUDING PRICE, THE PURCHASING AUTHORITY OF THE TOWN OF FAIRFIELD RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS, OR ANY PART THEREOF, OR WAIVE DEFECTS IN SAME, OR ACCEPT ANY PROPOSAL DEEMED TO BE IN THE BEST INTEREST OF THE TOWN OF FAIRFIELD.

QUESTIONS

Questions concerning conditions, bidding guidelines and specifications should only be directed in writing to:

Ms. Lee A. Flaherty, Junior Buyer: LFlaherty@fairfieldct.org

Inquiries must reference date of bid opening, requisition or contract number, and must be received no later than as indicated in the bid documents prior to date of bid opening. Failure to comply with these conditions will result in the bidder waiving the right to dispute the bid specifications and conditions.

PRICES

Prices quoted must be firm, for acceptance by the Town of Fairfield, for a period of ninety (90) days. Prices shall include all applicable duties. Bidders shall be required to deliver awarded items at prices quoted in their original bid.

F.O.B. DESTINATION

Prices quoted shall be Net – Delivered to destination. Bids quoting other than F.O.B. Destination may be rejected.

BID BOND

The BID BOND furnished, as bid security, must be duly executed by the bidder as principal. It must be in the amount equal to five percent (5%) of the total estimated bid, as guarantee that, in case the contract is awarded to the bidder, the bidder will, within ten days thereafter, execute such contract and furnish a Performance Bond and Payment Bond.

Small businesses may elect to obtain an irrevocable letter of credit or cashier's check in lieu of the Bid Bond. Such surety must also be in an amount equal to at least five percent (5%) of the total estimated bid.

All bid bonds shall be written by a surety company or companies licensed in the State of Connecticut, and shall have at least an A-VII policy holders rating, as reported by A.M. Best Rating Services, or otherwise deemed acceptable by the Town. The Town always reserves the right to reject surety companies, if an approved surety bond cannot be provided, the bidder shall be deemed non-responsive.

A complete list of certified surety companies can be accessed on the U.S. Government Department of Treasury website: https://www.fiscal.treasury.gov/fsreports/ref/suretyBnd/c570_a-z.htm

NOTE: Failure to provide a Bid Bond or equivalent security is not cause for a waiver defect. Any bid not accompanied by such security will be excluded from consideration.

PERMITS

The contractor will be responsible for securing all necessary permits, state and local, as required by the Town of Fairfield. The Town will waive its application and permit fees for Town of Fairfield projects.

PAYMENT PROCEDURES

No voucher, claim or charge against the Town shall be paid without the approval of the Fiscal Officer for correctness and legality. Appropriate checks shall be drawn by the Fiscal Officer for approved claims or charges and they shall be valid without countersignature unless the Board of Selectmen otherwise prescribed.

PAYMENT PERIOD

The Town of Fairfield shall put forth its best effort to make payment within thirty days (30) after delivery of the item acceptance of the work, or receipt of a properly completed invoice, whichever is later. Payment period shall be net thirty days (30) unless otherwise specified. For projects that do not require a performance or bid bond, The Town of Fairfield reserves the right to retain five percent (5%) of total bid amount, which is payable ninety (90) days after final payment or acceptance of the work.

**PURCHASING AUTHORITY
TOWN OF FAIRFIELD
INSTRUCTIONS FOR BIDDERS
TERMS AND CONDITIONS OF BID**

THE CONTRACTOR

The Contractor for the work described shall be thoroughly familiar with the requirements of all specifications, and the actual physical conditions of various job sites. The submission of a proposal shall be construed as evidence that the Contractor has examined the actual job conditions, requirements, and specifications. Any claim for labor, equipment, or materials required, or difficulties encountered which could have been foreseen had such an examination been carefully made will not be recognized.

ASSIGNMENT OF CONTRACT

No contract may be assigned or transferred without the consent of the Purchasing Authority.

AWARD OF BIDS

Contracts and purchases will be made or entered into with the lowest responsible bidder meeting specifications, except as otherwise specified in the invitation. If more than one item is specified in the invitation, the Town of Fairfield reserves the right to determine the low bidder on an individual basis or on the basis of all items included in the Invitation for Bids, unless otherwise expressed by the Town.

PERFORMANCE AND LABOR AND MATERIAL BOND

The successful bidder, within seven (7) business days after notification of award, will be required to furnish Performance and Labor and Material Bond provided by a company authorized to issue such bonds in the State of Connecticut, or Certified Check or properly executed Irrevocable Letter of Credit equal to a hundred per cent (100%) of the award.

In the event that the Contractor were required to provide evidence of insurance and a performance bond does not do so before beginning work, the Town of Fairfield reserves the right to withhold payment from such supplier until the evidence of insurance and performance bond has been received by the Town.

All payment and performance bonds shall be written by a surety company or companies licensed to issue bonds in the State of Connecticut, and shall have at least an A-VIII policy holders rating, as reported by A.M. Best Rating Services, or otherwise deemed acceptable by the Town. The Town always reserves the right to reject surety companies, if approved surety bonds cannot be provided the contract shall be terminated.

A complete list of certified surety companies can be accessed on the U.S. Government Department of Treasury website: https://www.fiscal.treasury.gov/fsreports/ref/suretyBnd/c570_a-z.htm

BOND REQUIREMENT – NON-RESIDENT CONTRACTORS

1. Non-resident contractors are required to deposit with the Department of Revenue Services a sum equivalent to 5% of the total contract value, as assurance that personal property taxes and/or any other State taxes assessed and due the State during the contract will be paid.
2. If this surety is not deposited with the State, the Town is required to deduct and submit to the State 5% of the total contract value.

GUARANTEE

Equipment, materials and/or work executed shall be guaranteed for a minimum period of one (1) year against defective material and workmanship. The cost of all labor, materials, shipping charges and other expenses in conjunction with the replacement of defective equipment, and/or unsatisfactory work, shall be borne by the Contractor.

CATALOGUE REFERENCE

Unless expressly stated otherwise, any and all reference to commercial types, sales, trade names and catalogues are intended to be descriptive only and not restrictive; the intent is to indicate the kind and quality of the articles that will be acceptable. Bids on other equivalent makes, or with reference to other catalogue items will be considered. The bidder is to clearly state exactly what will be furnished. Where possible and feasible, submit an illustration, descriptive material, and/or product sample.

INSURANCE

The Contractor shall not commence any work under the Contract until all insurance required by this section has been obtained and Certificates of Insurance and any other evidence of required coverage requested by the Town, including a copy of the policy itself, have been received and approved by the Town.

Such policies shall stipulate that no coverage can be changed or canceled, including for non-payment of premium, unless the Town has had thirty (30) days prior notice in writing. Certificates of renewals or changes in policies shall be delivered to the Owner at least thirty (30) days prior to the expiration of the policy.

The Town always reserves the right to reject insurance companies, if approved insurance policies cannot be provided the contract shall be terminated.

The insurance requirements set forth below are minimum limits of coverage only and in no way limit the Contractor's liability.

**PURCHASING AUTHORITY
TOWN OF FAIRFIELD
INSTRUCTIONS FOR BIDDERS
TERMS AND CONDITIONS OF BID**

INSURANCE (continued)

The following insurance is required to be maintained in full force until all work required by the contract has been fully completed, except that Products/Completed Operations coverage shall be maintained for five (5) years. Insurance will be primary and non-contributory with a 30-day notice of cancelation in favor of the Town of Fairfield. Insurance carriers will be no less than A-rated and admitted carrier or subject to review by Town of Fairfield.

Worker's Compensation Insurance: The Contractor shall carry Worker's Compensation and Employer's Liability Insurance in the form and in such amounts as may be currently required to comply with the Labor Laws of the State of Connecticut.

Automobile Insurance: The Contractor shall carry and maintain during the life of the Contract a policy with a combined single limit of \$1,000,000 and rider CA9948 or equivalent.

This policy shall include all liability of the Contractor arising from the operation of all self-owned motor vehicles used in the performance of the Contract; and shall also include a "non-Ownership" provision covering the operation of motor vehicles not owned by the Contractor, but used in the performance of the work.

Commercial General Liability:

- Bodily Injury and Property Damage \$1,000,000 each occurrence / \$2,000,000 aggregate
- Products/Completed Operations \$1,000,000 each occurrence / \$2,000,000 aggregate

This policy shall include Subcontractor's Liability coverage, protecting the Contractor and the Town against liability arising out of the activities of Subcontractors engaged by him in the performance of the work.

Umbrella/Excess Policy: An umbrella policy in the amount of \$5,000,000, with respect to all operations the Contractor performs, is required.

Waiver of Subrogation: Waiver of subrogation is required on all policies.

Pollution Liability Insurance: Where applicable, a policy in the amount of \$5,000,000 including coverage for transport and other offsite risks. Such policy must be given to the Town for review and determination of acceptability before an award will be made.

Additional Insureds: The Town of Fairfield, Fairfield Board of Education, its officers, officials, employees, agents, Boards, and Commissions shall be named as Additional Insureds on the General Contractor's and Subcontractors' Commercial General Liability, (for ongoing and completed operations), Automobile, and Umbrella. The coverage shall be primary and non-contributory and contain no special limitations on the scope of protection afforded to the Town of Fairfield. A waiver of subrogation applies under general liability, auto liability and workers compensation.

Subcontractor's Insurance: Each Subcontractor engaged by the Contractor to perform any work under the Contract shall obtain all insurance required of the Contractor in the same amounts and subject to the same provisions specified above for the Contractor, including the Additional Insured requirement. Certificates of Insurance shall be submitted to the Contractor and the Town and approved by the Town, before commencing any work.

HOLD HARMLESS

Contractor shall defend, indemnify, and hold harmless the Town of Fairfield, its officers, employees, agents or volunteers, from and against any and all claims and demands of any nature for any loss, damage or injury which any person may suffer by reason of, or in any way arising out of, this Agreement, unless caused by the sole negligence of the Town.

OSHA

The bidder will certify all equipment complies with all regulations and conditions stipulated under the Williams-Steiger Occupational Safety and Health Act of 1971, as amended. The successful bidder will further certify that all items furnished under this project will conform and comply with Federal and State of Connecticut OSHA standards. The successful bidder will agree to indemnify and hold harmless the Town of Fairfield for any and all damages that may be assessed against the Town.

LIFE CYCLE COSTING

Where applicable, Life Cycle Costing will be used as a criterion for awarding bids. This is a method of calculating total cost of ownership of an item over the life of the product, which may include operation and maintenance expenses, transportation, salvage value, and/or disposal costs.

**PURCHASING AUTHORITY
TOWN OF FAIRFIELD
INSTRUCTIONS FOR BIDDERS
TERMS AND CONDITIONS OF BID**

FEDERAL, STATE, AND LOCAL LAWS

All applicable Federal, State and local laws, rules and regulations of all authorities having jurisdiction over the locality of the project shall apply to the contract and are deemed to be included herein. If the total amount of the project, including any current or future change orders, exceeds \$100,000.00 all work is to be done in accordance with Connecticut Department of Labor (CT-DOL) rules and regulations. More information may be obtained from: www.ctdol.state.ct.us

The Davis-Bacon and Related Acts, shall apply to contractors and subcontractors performing on federally funded or assisted contracts in excess of \$2,000 for the construction, alteration, or repair (including painting and decorating) of public buildings or public works. More information may be obtained from: <https://www.dol.gov/whd/govcontracts/dbra.htm>

NOTE: The Town shall apply the most current wage decision applicable at the time of contract award.

CONFLICT OF INTEREST

No officer or employee or member of any elective or appointive board, commission or committee of the Town, whether temporary or permanent, shall have or acquire any financial interest gained from a successful bid, direct or indirect, aggregating more than one hundred dollars (\$100.00), in any project, matter, contract or business within his/her jurisdiction or the jurisdiction of the board, commission, or committee of which he/she is a member. Nor shall the officer / employee / member have any financial interest, direct or indirect, aggregating more than one hundred dollars (\$100.00) in any contract or proposed contract for materials or services to be furnished or used in connection with any project, matter or thing which comes under his/her jurisdiction or the jurisdiction of the board, commission, committee of which he/she is a member.

SCOPE OF WORK/SITE INSPECTIONS

The bidder declares that the scope of the work has been thoroughly reviewed and any questions resolved (see above for name and number of individual to contact for questions). If applicable, the bidder further declares that the site has been inspected as called for in the specifications (q.v.).

EXCEPTION TO SPECIFICATIONS

No protest regarding the validity or appropriateness of the specifications or of the Invitation for Bids will be considered, unless the protest is filed in writing with the Purchasing Authority prior to the closing date for the bids. All bid proposals rendered shall be considered meeting the attached specifications unless exceptions are noted on a separate page dated and signed by the bidder.

UNLESS OTHERWISE NOTED

It will be assumed that all terms and conditions and specifications will be complied with and will be considered as part of the Bid Proposal.

TAX EXEMPT

Federal Tax Exemption 06-6001998.

Exempt from State Sales Tax under State General Statutes Chapter 219-Section 12-412 Subsection A.

No exemption certificates are required and none will be issued.

REFERENCES

Provide reference details of most recent similar scope projects performed:

REFERENCE #1:

PLEASE REFER TO OUR REFERENCES SECTION FOR THIS INFORMATION

Name of Company _____ Phone _____
Contact Person _____ Cell _____
Company Address _____ Fax _____
Date work completed _____ Email _____

REFERENCE #2:

Name of Company _____ Phone _____
Contact Person _____ Cell _____
Company Address _____ Fax _____
Date work completed _____ Email _____

REFERENCE #3:

Name of Company _____ Phone _____
Contact Person _____ Cell _____
Company Address _____ Fax _____
Date work completed _____ Email _____

REFERENCE #4:

Name of Company _____ Phone _____
Contact Person _____ Cell _____
Company Address _____ Fax _____
Date work completed _____ Email _____

REFERENCE #5:

Name of Company _____ Phone _____
Contact Person _____ Cell _____
Company Address _____ Fax _____
Date work completed _____ Email _____

SUBCONTRACTORS

Provide subcontractor details if any are to be employed as part of this contract, including labor rates:

SUBCONTRACTOR #1:

Name of Company NO SUBS WILL BE Fed ID # _____
Contact Person USBO. Title _____
Company Address _____ Phone _____
Trade _____ Email _____
Rates: Supervisor \$ _____ /hr Foreman \$ _____ /hr Journeyman \$ _____ /hr Apprentice \$ _____ /hr

SUBCONTRACTOR #2:

Name of Company _____ Fed ID # _____
Contact Person _____ Title _____
Company Address _____ Phone _____
Trade _____ Email _____
Rates: Supervisor \$ _____ /hr Foreman \$ _____ /hr Journeyman \$ _____ /hr Apprentice \$ _____ /hr

SUBCONTRACTOR #3:

Name of Company _____ Fed ID # _____
Contact Person _____ Title _____
Company Address _____ Phone _____
Trade _____ Email _____
Rates: Supervisor \$ _____ /hr Foreman \$ _____ /hr Journeyman \$ _____ /hr Apprentice \$ _____ /hr

SUBCONTRACTOR #4:

Name of Company _____ Fed ID # _____
Contact Person _____ Title _____
Company Address _____ Phone _____
Trade _____ Email _____
Rates: Supervisor \$ _____ /hr Foreman \$ _____ /hr Journeyman \$ _____ /hr Apprentice \$ _____ /hr

NOTE: All sub-contractors are subject to approval by the Town of Fairfield and are required to provide Fed ID #.



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Purchasing Department

(203) 256-3060
FAX (203) 256-3080

ADDENDUM #1 BID #2020-18 Transfer Station Facility Trash Compactors

4th October, 2019 – It is intended that this Addendum incorporating the following corrections, revisions, additions, deletions and clarifications become part of the Contract Documents, including pricing as submitted.

New Information:

1. A pre-bid conference was held at the Town of Fairfield Transfer Station Facility, 530 Richard White Way, Fairfield, at 10:00 am on Tuesday, the 1st of October, 2019 concerning this solicitation. A copy of the sign-in sheet from that walk-through event has been posted to the Town's website. A direct link to the sign-in sheet document is provided below:

2020-18 Pre-Bid Sign-In Sheet

2. Concerning the request for information and bid submission due dates,
 - A. The request for information (RFI) due date has been extended from 11:00 am, Thursday, October 3rd to 11:00 am Tuesday, October 8th, 2019. Responses will be in the form of an addendum that will be posted approximately Friday, October 11th 2019 to the Town of Fairfield website.
 - B. The due date for bid submissions has been extended from 11:00am, Wednesday, October 9th, 2019 to 11:00 am, Thursday, October 24th, 2019.

Response to Questions:

3. Would you consider extending the deadline for questions?

Response: Yes, please refer to details under the New Information section of this addendum.

4. Would you consider extending the deadline for submission of bids?

Response: Yes, please refer to details under the New Information section of this addendum.

5. Due Date of bids- Can you please make this at least 10 business days from time of posting the questions and answers (addendum)?

Response: Yes, please refer to details under the New Information section of this addendum.

6. Are we able to utilize our installers' or manufacturers' previous jobs as our references within the bid spec?

Response: Yes, you may utilize your installers' or manufacturers' previous equivalent work as references for this project. Include this information in your bid response.

ADDENDUM #1
BID #2020-18
Transfer Station Facility Trash Compactors
(Page 2 of 2)

7. **Where is the main control panel located?**

Response: The main control panel is located in the lower section of the Transfer Station Facility.

8. **Is this prevailing wage?**

Response: Yes, if the total cost of the project is in excess of \$100K, then prevailing wage rates would apply.

9. **Please confirm the make and model # of the existing transfer station compactors that will be decommissioned.**

Response: Marathon RJ-575 HD

10. **Prices held for 90 days. Can you change this to 30 Days as steel prices are very volatile right now?**

Response: No. The Town's internal review process necessitates that bid submissions be held for at least a ninety (90) day period. Therefore, if your company can only hold your bid submission pricing for a shorter duration, (i.e. 30 days), include with your bid submission the details of that pricing offer. The alternate pricing offer submitted should fully outline the proposed pricing escalation valuation process to be utilized by the Town beyond the original thirty (30) day pricing offer.

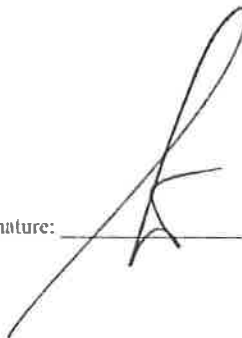
End of Addendum #1

Company: REXELTON
DIST. INC

Name:

LARRY
VINE

Signature:



Date:

3/10/19



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Purchasing Department

(203) 256-3060
FAX (203) 256-3080

ADDENDUM #1 BID #2020-18 Transfer Station Facility Trash Compactors

4th October, 2019 – It is intended that this Addendum incorporating the following corrections, revisions, additions, deletions and clarifications become part of the Contract Documents, including pricing as submitted.

New Information:

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2020-18 Pre-Bid Sign-In Sheet

2. Concerning the request for information and bid submission due dates,
 - A. The request for information (RFI) due date has been extended from 11:00 am, Thursday, October 3rd to 11:00 am Tuesday, October 8th, 2019. Responses will be in the form of an addendum that will be posted approximately Friday, October 11th 2019 to the Town of Fairfield website.
 - B. The due date for bid submissions has been extended from 11:00am, Wednesday, October 9th, 2019 to 11:00 am, Thursday, October 24th, 2019.

Response to Questions:

3. Would you consider extending the deadline for questions?

Response: Yes, please refer to details under the New Information section of this addendum.

4. Would you consider extending the deadline for submission of bids?

Response: Yes, please refer to details under the New Information section of this addendum.

5. Due Date of bids- Can you please make this at least 10 business days from time of posting the questions and answers (addendum)?

Response: Yes, please refer to details under the New Information section of this addendum.

6. Are we able to utilize our installers' or manufacturers' previous jobs as our references within the bid spec?

Response: Yes, you may utilize your installers' or manufacturers' previous equivalent work as references for this project. Include this information in your bid response.

ADDENDUM #1
BID #2020-18
Transfer Station Facility Trash Compactors
(Page 2 of 2)

7. **Where is the main control panel located?**

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8. **Is this prevailing wage?**

Response: Yes, if the total cost of the project is in excess of \$100K, then prevailing wage rates would apply.

9. **Please confirm the make and model # of the existing transfer station compactors that will be decommissioned.**

Response: Marathon RJ-575 HD

10. **Prices held for 90 days. Can you change this to 30 Days as steel prices are very volatile right now?**

Response: No. The Town's internal review process necessitates that bid submissions be held for at least a ninety (90) day period. Therefore, if your company can only hold your bid submission pricing for a shorter duration, (i.e. 30 days), include with your bid submission the details of that pricing offer. The alternate pricing offer submitted should fully outline the proposed pricing escalation valuation process to be utilized by the Town beyond the original thirty (30) day pricing offer.

End of Addendum #1

Company: REACTION
DISTRIBUTING
INC.

Name: LARRY
VALE

Signature: _____

Date: 3/10/19



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Purchasing Department

(203) 256-3060
FAX (203) 256-3080

ADDENDUM #2 BID #2020-18 Transfer Station Facility Trash Compactors

21st October, 2019 – It is intended that this Addendum incorporating the following corrections, revisions, additions, deletions and clarifications become part of the Contract Documents, including pricing as submitted.

New Information:

1. Concerning bid submission due dates,

A. The deadline for the submissions of bids has been extended from 11:00 am, Thursday, October 24th, 2019 to 11:00 am, Wednesday, November 6th, 2019.

B. Addendum #3 will be issued by the close of business on Friday, October 25th 2019. This Addendum shall contain the responses to any questions that were submitted prior to the RFI due date of Tuesday, October 8th 2019 and have not been addressed in either Addendum #1 or this addendum.

Response to Questions:

1. Scope of work #2 & #4: Generally the hopper for a new transfer station is sized according to the clear top opening of the compactor. In section #2 the Town indicates that it would like to increase the existing hopper openings (height, width and depth); however, Section #4 confirms that the contractor is to supply a new ¼" thick AR-400 steel plate liner on the existing push panel walls. Is the Town referring to the existing steel hopper walls or is the Town expecting the existing steel hopper to be removed and an entirely new hopper installed?

Response: A. Delete the reference to the replacement of AR plate on the push pit walls. This work will not be required for this project.

B. The Town's intention is for the existing hoppers to be modified by the contractor to fit the proposed new trash compactor units.

2. When will the installation take place?

Response: Time is of the essence. The Town intends to commence the project shortly after the receipt of the bid submissions.

3. Do you need to replace the existing hoppers?

Response: No. The Town's intention is to have existing hoppers modified by the contractor so that they properly fit and conform to the dimensional and performance requirements of the proposed new trash compactor units.

4. Are you planning on modifying the trailer?

Response: No.

ADDENDUM #2
BID #2020-18
Transfer Station Facility Trash Compactors
(Page 2 of 3)

5. **Do both units always run at the same time?**

Response: No. However, on occasion both units are in operation at the same time.

6. **Are you replacing the floor?**

Response: No.

7. **Where is the AR plating?**

Response: Delete the reference to the replacement of AR plate requirements outlined in the bid specification. This work will not be required for this project.

8. **Where is the push pit ram?**

Response: Delete the reference to push pit ram requirements outlined in the bid specification. This work will not be required for this project.

9. **Will you require stamped drawings with the bid submissions?**

Response: No.

10. **Do the existing push units work?**

Response: Yes. Both trash compactors are currently in use and fully operational. However, neither existing trash compactor is presently meeting the Town's operational requirements.

11. **What is the timeline for the installation of the trash compactors?**

Response: Time is of the essence. The Town intends to commence the project shortly after the receipt of the bid submissions.

12. **Will there be any lag time between the installations? Can we install them consecutively, one after the other?**

Response: The Town does not want to replace both of these units at the same time. The contractor, however would be allowed to replace the individual units in a consecutive manner as long as one unit is fully operational at all times.

13. **Do you have the dimensions of the existing units?**

Response: No.

14. **Who is responsible for making the units fit into the existing hoppers?**

Response: The successful contractor is responsible for fitting the new compactors to the existing hopper units.

15. **Scissor latches won't work with your unit. Would hydraulic exterior latches suffice?**

Response: Yes.

ADDENDUM #2
BID #2020-18
Transfer Station Facility Trash Compactors
(Page 3 of 3)

16. **Removal of waste and cleaning the room-** While we can clean up any debris that fall out during the removal/install, we ask that the site has the area cleaned up prior to our arrival.

Response: The Town will have the site area cleaned prior to the commencement of work.

17. **Remove all sections having to do with removal or new hydraulic ram cylinder, etc. for push pit system (Section 1 Last 4 bullet points, and all Section 3)**

Response: Delete all references and requirements concerning a hydraulic ram cylinder replacement for the push pit system. This work will not be required for this project.

18. **Hydraulic Latching mechanism-** Your trailers require you to use side hydraulic latches and not the scissor style mechanism you have mentioned in Section 2, bullet point 3 (Please clarify)

Response: Replace the scissor style mechanism requirement with a hydraulic latch requirement.

19. **Section 2, Bullet point 8- Repair or improve concrete walls and floors. Provide construction drawings stamped by a CT licensed professional engineer. While we can provide details manufactured drawings of the compactor and stand, we cannot provide drawings of the existing building and/or hopper. Please remove this section in its entirety.**

Response: Repairs/improvements to the concrete walls and floors will not be required. Please remove this requirement from the bid specifications.

20. **Section 4. - Please remove this**

Response: Delete all of the requirements outlined in Section 4 (page 4). This work will not be required for this project.

21. **Will you be willing to accept a payment structure of the following: 30% down with order, 30% due with signed approval drawings, 35% Due Seven (7) days prior to shipment, and Balance Net 30 Days from install?**

Response: No.

22. **Would you be willing to add a requirement that the equipment is manufactured in the United States?**

Response: No.

End of Addendum #2

Company: _____ Name: _____ Signature: _____ Date: _____



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Purchasing Department

(203) 256-3060
FAX (203) 256-3080

ADDENDUM #3 BID #2020-18 Transfer Station Facility Trash Compactors

25th October, 2019 – It is intended that this Addendum incorporating the following corrections, revisions, additions, deletions and clarifications become part of the Contract Documents, including pricing as submitted.

Response to Questions:

1. Scope of work #1: bid document states that the contractor is responsible for the removing of any accumulated waste in the room in which the compactors are located. Please confirm that you are referring to the push pit area and not the tipping floor. Also please confirm that the Town will provide a temporary container(s) for the contractor to place any/all waste collected from the push pit area. Please also confirm that the Town is responsible for any/all costs relating to the actual disposal of any/all trash collected during the cleanup. Please also confirm that there will be no trash in the charge chamber of the compactors prior to starting the decommissioning work.

Response: The Town will have the hopper, charge chamber, and tipping floor areas clear of any/all waste.

2. Scope of work #2: please confirm that the Town will provide drawings and/or dimensions for the various trailers that it uses at this facility.

Response: No. The Town will not provide drawings and/or dimensions for the trailers at the facility. It is the responsibility of the Contractor to measure the trailers to ensure the size compatibility with the proposed new Trash Compactors units.

3. Scope of work #2: the Town indicates that the contractor is to provide all conduit and wiring necessary to complete work and make all electrical connections. Please confirm if the existing conduit runs and wiring (from the main power units to the main operator panels) can be reused for the new compactors.

Response: The Town requests that the Contractor work directly with their own electrician for all electrical work associated with this project. If the awarded Contractor does not have an electrician, the Town utilizes the services of Yankee Electric Construction, 150 Carter Henry Drive, Fairfield, CT 06824 for electrical servicing matters at the Transfer Station Facility. The contact at Yankee Electric Construction is Ray Barry 203-259-5499.

4. Please confirm that the Town will make the final connections of the services to the main compactor high voltage panels located on the new compactor power units.

Response: No. The awarded Contractor shall be responsible for making the final connections of the electrical services to the main compactor high voltage panels located on the new compactor power units.

ADDENDUM #3
BID #2020-18
Transfer Station Facility Trash Compactors
(Page 2 of 3)

5. Please confirm that the Town will ensure that the service for each compactor is adequate to support the FLC that each power unit will generate under maximum loads.

Response: No. The awarded Contractor shall be responsible for ensuring that the electrical service for each compactor is adequate to support the full load capacity that each power unit will generate under maximum loads.

6. Scope of work #2: The contractor must submit shop drawings that are stamped by a CT licensed professional engineer. Please confirm if the Town will accept shop drawings stamped and signed by a non-CT based P-Eng.

Response: No. The Town will not accept shop drawings stamped and signed by a non-CT based Professional Engineer (PE).

7. Scope of work #2: the Town has specified that the contractor must confirm that the concrete slab is adequate to support the new trash compactors. Not all concrete is the same strength. In order to determine how strong a pad is one must first know how strong the concrete is. This is normally measured as compression strength (psi). In order to determine the ability of the existing slab to accommodate the new compactors the Town will need to supply the following information. 1) Thickness of the existing floor. 2) Type of reinforcement imbedded in the existing floor. 3) The psi rating of the concrete used to form the existing floor. 4) Any/all engineering information/data relating to the existing floor. Please confirm when this information will be made available.

Response: Delete the reference specifying that the contractor must confirm that the concrete slab is adequate to support the new trash compactors. This confirmation will not be required for this project, as the Town is confident that the existing concrete will support the new trash compactor equipment.

8. Are there any restrictions with respect to the hours that the contractor is permitted to be on site to complete the decommissioning and installation phases of the work?

Response: The Contractor is permitted to be on site to complete the decommissioning and installation phases of the work according to the times outlined in the Town of Fairfield Noise Ordinance. The Noise Ordinance for the Town may be accessed via the following link: [Town of Fairfield Noise Ordinance](#)

For this project, work may commence on weekdays after 7:00 am and continue until 10:00 pm Monday through Friday. On Saturday and Sunday work may commence after 8:00 am and continue until 11:00 pm.

9. Does it need a new conduit?

Response: See response to question #5 of this Addendum.

10. Who will be performing the electrical work?

Response: The successful Contractor shall be responsible for performing the electrical work.

11. Who is responsible for supplying and installing the new conduit?

Response: If required, the awarded Contractor shall be responsible for supplying and installing the new conduit.

12. Verify the voltage available in the building. Is it 460 volts?

Response: See response to question #5 of this Addendum.

ADDENDUM #3
BID #2020-18
Transfer Station Facility Trash Compactors
(Page 3 of 3)

13. All main and control electric by others (you have electricians on staff) as this will save you money and they are familiar with the plant already. This includes labor and materials such as conduit, etc. for the main power and remote controls only. It does state that conduit and feeders to be supplied by others in 1. Control Description, #17.

Response: See response to question #5 of this Addendum.

14. Permits- Please remove the section that states we are required to provide all necessary permits as we are just removing and install compactors.

Response: A building permit will be required for this project therefore this section cannot be removed from the bid document.

15. I have a question regarding the machine size requested. Our manufacturer's 13 Yd rated machine actually has a higher WASTEC Rating than what is requested. The WASTEC rating is 10.3 compared to a 10.2 meaning that the industry standard rating on their machine is higher than the spec'd machine. Would this be ok?

Response: Please provide the specifications of the proposed trash compactor equipment with your bid submission for the Town's consideration.

16. Would you be able to provide the Wage determination sheet for the Prevailing Wage in CT?

Response: Link: The prevailing wage rates for this project are posted on the Town's website. For your convenience, here is the link to that information: [#2020-18 Prevailing Wage](#)

End of Addendum #3

Company: RETICON
DISTRIBUTION
INC

Name: LARRY
VING

Signature: _____

Date: 31/10/19



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road

Fairfield, Connecticut 06824
Purchasing Department

(203) 256-3060
FAX (203) 256-3080

ADDENDUM #4 BID #2020-18 Transfer Station Facility Trash Compactors

1st November, 2019 – It is intended that this Addendum incorporating the following corrections, revisions, additions, deletions and clarifications become part of the Contract Documents, including pricing as submitted.

Response to Questions:

1. **Insurance questions or concern: We do not have a CA9948 endorsement (Pollution Liability Insurance), however, we are not hauling hazardous waste, so can you strike this from the requirements?**

Response: No. The Town is unable to strike Pollution Liability Insurance from the bid insurance coverage requirements.

2. **On page #13 of the bid document one of the items listed that must be submitted is the Schedule of Values; however there is no such document included with the original bid document. Please advise what I should do?**

Response: There is no Schedule of Values document included within the original bid document. Please provide your own document listing your proposed Schedule of Values for this project with your bid submission materials.

End of Addendum #4

Company: Reaction Distributing Inc. Name: Larry Vine Signature:  Date: November 4, 2019



Fairfield Fire Department

140 Reef Road
Fairfield, CT 06824-5997

Administrative Office

Office (203) 254-4713
Fax (203) 254-4724

Fire Station Rehabilitation Program Year 1: Bathroom Renovations

\$250,000

1. Background

This project is Phase 1 of a multiyear project to rehabilitate the five Fairfield Fire Stations. This effort will address the major living and operating spaces critical to efficient, safe and healthy working conditions. The first five years of the program will address bathrooms, overhead doors, vehicle apparatus bay exhaust systems, apparatus maintenance facilities, ADA compliance, window replacement and kitchen renovations. It is expected that by instituting a comprehensive Station Rehabilitation Program we will preserve the operating effectiveness of our facilities for decades.

2. Purpose and Justification

This Project will rehabilitate the bathrooms in Stations 1, 2 and 5. In these buildings the bathrooms are all original to the building and are between 50 to 66 years old without upgrade. The plumbing serving these facilities are equally aged and deteriorated and have contributed to multiple flooding events and water damage over the years, most recently in Stations 1 and 2. Each of these buildings were constructed in an era that did not include female firefighters. This project will address this major shortcoming with gender specific and gender neutral facilities where appropriate. In all stations the fixtures are inefficient and prone to failure. The spaces themselves are deteriorated, rusting and difficult to maintain in a safe and healthful condition. The project will bring bathrooms into compliance with the Americans with Disabilities Act.

3. Detailed Description of Proposal

The Project will rehabilitate the individual bathrooms in Stations 1, 2 and 5.

Station 1: 3 half baths
 1 female full bath with shower
 1 male full bath with showers

Station 2: 2 half baths
 1 full bath with showers

Station 5: 2 half baths
 1 full bath with showers

The project will include complete removal of existing interior finishes, fixtures and related plumbing as necessary and replace with new energy efficient water conserving fixtures. Floor and wall tile will be replaced and privacy partitions will be replaced. Gender specific facilities will be created. New lighting and new replacement windows will be installed in the spaces under reconstruction.

4. Reliability of Cost Estimate

Project budget is based on an estimate provided in January 2020. It is recognized that the plumbing may create additional expense in each of the areas to be addressed. Once walls are opened, we will assess the condition of hidden infrastructure. Final pricing will be the result of in-depth design services by an architect and final formal contract bid. Architectural and design fees are built into the estimate. This project is part of a comprehensive multiyear station improvement plan. This project encompasses 11 different sub projects in three buildings. Any budget shortfall will result in a portion of the project suspended a year later and subsequent budget approvals.

5. Increased Efficiency and Productivity

The existing spaces are highly inefficient. These spaces were built 50 to 66 years ago. New energy efficient and water conserving fixtures will be installed. The windows in these spaces also original to the building will be replaced as well.

6. Additional Long Range Costs

The department expects reduced long term maintenance costs as the existing spaces are prone to failure i.e. broken fixtures, leaking pipes and poor drainage.

7. Additional Use or Demand

The proposed spaces will meet current use needs as well as future foreseeable demand. The renovated spaces will be ADA compliant.

8. Alternatives to This Request

The proposal makes the best use of capital funding by combining closely related projects in three stations under a single contract. Alternatively the project could be spread out over time but would result in higher operating and repair costs and higher overall replacement costs.

9. Safety

This project is expected to considerably improve the health and sanitary conditions of the bathrooms to be rebuilt.

10. Environmental Considerations

Each facility will be evaluated for asbestos and other hazards. Previous projects in these buildings have required asbestos remediation.

11. Insurance

N/A

12. Financing

Bonding per Town Policy.

13. Other Considerations

Fire Department Five-Year Facilities Renovation Project

The Fire Department proposes to renovate each of its five Fire Stations over the next five fiscal years. This proposal comes after annual assessments of our facilities beginning in 2016. Over this period the department has evaluated the conditions of the stations and have highlighted the priority projects that cannot be completed without capital budget investments.

The department respectfully requests a five-year investment in our stations. In FY 21, 22, 24 and 25 capital budget appropriations of \$250,000 will allow the department to restore our facilities to safe, healthy, code compliant and energy efficiency. These projects include repair, renovation or replacement of the spaces and systems. They include:

- FY 21 Bathrooms Stations 1, 2 and 5
- FY 22 Overhead Doors, Exhaust Systems, Apparatus Floor Repairs, Design Funding for Construction in '23
- FY 23 Station 4, Apparatus Maintenance and Elevator (currently in Waterfall Budget)
- FY 24 Renovation of Administrative Offices, Fire Sprinklers and Windows Station 1
- FY 25 Kitchen Upgrade, Storage Space Addition, Cameras, Security and Generators

Each of these projects address specific issues and are grouped to achieve economy of scale. The projects are sequenced to insure that no portion of a project would be duplicative or require further investments. Through careful design and selection of durable, cost effective and easy to maintain materials each project is expected to have long service life extending for decades.

In FY 23, the third year of this five year process, the department has an existing waterfall request of \$3,000,000 to address the major space issues we have. In that budget year we will renovate or replace the Southport Fire Station, relocate the Fire Apparatus Maintenance Facility and build and install an elevator to service the Administrative Offices of Fire Headquarters on Reef Road.

The completion of this Five-Year Fire Station Rehabilitation Project will address the major shortcomings plaguing our facilities. It is expected that following the completion of this project the department will maintain our facilities with normal operating budget appropriations for building maintenance.

14. Approvals

BOS, BOF, RTM

TOMLINSON MIDDLE SCHOOL

TENNIS COURT REPLACEMENT

NON-RECURRING CAPITAL REQUEST

2020/2021



Town of Fairfield – Tomlinson Tennis Court Replacement

1. **Background:**

Tomlinson Middle School Tennis Courts consist of four playing courts. The courts were rebuilt in 2007 and are at the end of their useful life. These tennis courts are an integral part of the high school athletic program and are used for tournaments and games. These courts are also heavily used by the general public and the Parks and Recreation Department. The tennis courts are at the end of their 10-12 year life span and have very large cracks and excessive peeling that are beyond repair and repainting for use another year. We are requesting \$400,000 for funding the replacement of the Tomlinson Tennis courts with new Post-tension concrete courts, new painting, surface coating, new chain link fencing and new nets.

2. **Purpose & Justification:**

The condition of the existing tennis courts is considered poor and continues to deteriorate to the point that they are unusable. Many repairs, fixes and new paintings have been performed over the past 12 years but current examination by professional engineers and contractors have clearly identified that it is time for a full replacement. The current cracks and deterioration are beyond repair to be cost effective for the long term.

3. **Detailed Description of Proposal:**

The expenditure would cover the total costs for demolition and removal of existing bituminous material, new installation of Post-Tension concrete courts, new painting, surface coating, new chain link fencing and new nets.

4. **Reliability of Estimated Cost**

The cost estimate is made up of known prices for materials and labor and machine based on current quotes.

5. **Increase Efficiency or Productivity**

These terms don't directly apply to this type of project.

6. **Additional Long Range Costs**

Post-tension tennis courts, when newly installed are guaranteed against cracks for 20 years and an additional 10 year guarantee not to bubble or peel. In contrast, bituminous tennis courts when newly installed should last 10-12 years with proper preventative maintenance, power washing, and repairing any cracks and repainting as they arise.

7. **Additional Use or Demand on Existing Facilities**

This project would reduce the maintenance costs to repair older tennis courts that are typically performed every two years for the first 10-12 years of the new installation. These courts, in particular, have been repaired each of the last three years.

8. **Alternatives to this request**

One alternative to this request is to do nothing and to continue to spend money repairing the courts every summer, a second alternative would be to rebuild the courts as bituminous material, however, we would run the risk of having the same maintenance issue we currently have.

9. Safety & loss Control

This project would enhance safety and loss control by drastically reducing the risk of injury to students, staff, as well as the public on the existing deteriorating surface material.

10. Environmental Considerations

This project work will include proper grading and drainage which will in turn help the environment in the immediate surrounding area.

11. Insurance

Contractor will be required to carry insurance coverage.

12. Financing

This project would not proceed without funding approval. This project will be bonded.

13. Other Considerations

None

14. Other Approvals

Board of Selectman
Board of Finance
RTM



A RESOLUTION APPROPRIATING \$1,500,000 FOR THE COSTS OF INSTALLING AN AIR CONDITIONING SYSTEM IN THE CAFETERIA AT FAIRFIELD WARDE HIGH SCHOOL AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of One Million Five Hundred Thousand and 00/100 Dollars (\$1,500,000.00) to fund costs associated with the installation of an air conditioning system in the cafeteria of the Fairfield Warde High School, including equipment, design, materials, supplies, engineering, oversight, administrative, financing, legal, contingency and other related costs (the "Project").
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed One Million Five Hundred Thousand and 00/100 Dollars (\$1,500,000.00) and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Project.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and

remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond

anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Project from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

Fairfield Board of Education Proposed Capital Projects Request 2020 - 2021



Fairfield Warde High School
Air Conditioning Project



Osborn Hill Roof Replacement Project

January 30, 2020

Dear Board of Education Members:

This booklet provides an overview of the following 2020-2021 Proposed Capital Project Requests:


1. Fairfield Warde High School Air Conditioning Project
2. Osborn Hill Roof Replacement Project

I have included all of the above projects in the Fairfield Public Schools' Facilities Plan. Information for each project is provided using the 14-point format devised by the Town of Fairfield and includes:

- Justification and background information;
- A cost estimate that includes previous project information, verbal quotations, and/or written proposals.

We hope you find this information helpful, and we are confident it will answer many of your questions as we begin the budget discussions. Thank you for your continued support.

Sincerely,

A handwritten signature in black ink that reads "Michael Cummings". The signature is written in a cursive, flowing style.

Michael Cummings
Superintendent of Schools

Fairfield Public Schools
2020-2021
Capital Projects

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<u>Location</u>	<u>Project</u>	<u>Estimated Cost</u>	<u>Page</u>
Fairfield Warde High School	Air Conditioning Project	\$ 1,500,000	1
Osborn Hill Elementary School	Partial Roof Replacement Project	\$ 1,409,046	5
<hr/>			
Total		\$ 2,909,046	

Fairfield Warde High School

Cafeteria Air Conditioning Project

\$ 1,500,000

Background: This project represents a step in the long-term goal of adding air conditioning to all the school buildings in the district. Fairfield Warde High School has a cafeteria with a seating capacity of 532.

Purpose & Justification: Adding air conditioning in this large gathering area will allow the school to house larger meetings in warmer climates. Also, the seating capacity provides the Town with a large gathering area in the event of an emergency with a temperature-controlled environment capable of heating and cooling.

Detailed Description: This expenditure would cover the total cost of this project. It would include but not be limited to (1) Professional services for design and specification to allow this project to undergo the bidding process (2) Materials and labor to complete the project along with special construction tools to complete the project (e.g., crane, etc.). This project carries an industry-standard contingency to cover any unforeseen conditions that may potentially be found during construction.

Estimated Cost: The cost of this funding request is \$1,500,000. The number was calculated using best practices established by the industry, along with guidance by an independent architectural engineering firm.

Long Range Costs: The air conditioning unit, ducting, and piping will be all new equipment with a minimum life expectancy of 30 years.

Demand on Existing Facilities: This new equipment would add minimal additional work in the form of maintenance and replacement of wear and tear items.

Security, Safety, and Loss Control: This project would increase safety by allowing a temperature-controlled space for a large gathering.

Environmental Considerations: All new equipment will meet all regulatory standards.

Funding, Financing & OSCG&R: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This Project is not eligible for reimbursement through OSCG&R.Schedule, Phasing & Timing: The schedule for this project would have all the work completed during the summer recess of 2020.

Other Considerations: This work will be bid out by the Town Purchasing Department and will be performed by outside professional licensed contractors.

Alternates to The Request: The alternative to this request would be to do nothing. This alternative would delay the overall district plan to add air conditioning to all district buildings. It could also make this space unsuitable for town emergency gatherings in warmer months.

Fairfield Warde High School

Cafeteria Air Conditioning Project

\$ 1,500,000

Details

Engineer of Record:

VanZelm Engineers
Farmington, CT

Licensed contractor to provide labor and materials

Prepared by:

Per-Town Bid Results

Breakdown:

Engineering Firm

Scope of Services

- Review Available Design Documentation
- Conduct Site Investigation
- Provide Schematic Designs
- Construction Administration Services

12,900

Licensed Contractor

- Provided All Equipment Necessary Roof Top Equipment
- Provide All Equipment to Set Roof Top Equipment
- Provide All Necessary Internal Equipment
- Pipe and Wire All Equipment Per Manufactured Specification
- Provide All equipment and Tools to Install Equipment
- Tie New Equipment in to Building BMS Control System

1,200,000

Contingency

287,100

TOTAL

\$ 1,500,000

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Osborn Hill Elementary School

Partial Roof Replacement Project

\$ 1,409,046

Background: Osborn Hill received a new roof in 1991 and a roof extension in 2012. The roof has been failing for approximately one year. We have had several roofing contractors out to look at and make repairs to the roof. A roofing architect company determined in late spring-early summer of 2019 that no more repairs could be performed to prevent the water infiltration into the building. At this time, we decided on a temporary solution to place a rubber membrane over the leaking parts of the roof to keep the Indoor Air Quality (IAQ) suitable for school use for the 2020 school year.

Purpose & Justification: The temporary membrane placed on the building will only keep the building dry for a short amount of time. Failure to replace this roof may result in water infiltration to the building. If the water gets into the building, it will likely result in an IAQ issue, creating a potential health issue in the building.

Detailed Description: This expenditure would cover the total cost of the project. This includes all labor and material to remove roofing down to the metal decking. Once removed, a new decking system will be installed to bring the roof insulation value up to the new code requirements.

Estimated Cost: The cost of this funding request is \$1,409,046. This number was provided by a roofing contractor who was awarded several town bids for similar projects along with a professional licensed engineering firm in CT.

Long Range Costs: Once completed, the new roof will carry a warranty for 20 years. There will be minor upkeep and cleaning requirements.

Demand on Existing Facilities: This project would reduce the cost of maintaining the roof as it would reduce service calls caused by water intrusion.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of water intrusion into the building. Loss can occur when equipment and furniture get wet from roof leaks. There are safety concerns with IAQ when water is constantly present in a building.

Environmental Considerations: The IAQ is compromised when a roof has a continued leaking failure.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. This project will be assigned to the Town's special standing building committee and will apply for funding reimbursement from the state's OSCG&R program. We have also been in contact with solar companies who have shown interest in helping with the cost of replacing the roof, provided a solar program can be approved.

Schedule, Phasing & Timing: The schedule is to have all this work done in the summer of 2020 and completed for school to open in September of 2020.

Other Considerations: The work will be bid out by the Town Purchasing Department and performed by outside professional licensed contractors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay the needed repairs to the roofing system and could affect the ability of the school to operate safely.

Osborn Hill Elementary School

Partial Roof Replacement Project

\$ 1,409,046

Details

Licensed contractor to provide labor and materials

Prepared by:

Silktown Roofing

Breakdown:

- Set-up safety for associates to perform their scope of work, and to protect the occupants of the property.
- Remove the existing roofing system down to the existing metal deck.
- Install new pressure treated wood blocking to the height of the new perimeter edges.
- Install new Polyisocyanurate insulation including ¼" per foot tapered system with an average R-25 value to be in compliance with 2014 ASHRAE guidelines.
- Install new two-ply SBS Modified Bitumen roofing membrane system in cold applied adhesive with a granulated cap sheet.
- Install all flashings per manufacturer's specification.
- Remove and replace existing drain bowl assemblies.
- Install new extruded metal edges with Kynar coated color cover plate that has been pretested and approved per ANSI -SPRI ES-1 specifications. (Color will be selected from standard color selections)
- Install new expansion joints to replace existing.
- Fabricate and install new counter flashings as needed for proper termination.
- Clean up and dispose of all debris from the above scope of work.
- Provide a 20-year No Dollar Limit (NDL) warranty that includes the cost of both labor and material to repair any leaks or material failures during the warranty period.

1,263,190

Consultant for Professional Services

Prepared by:

Fairfield Public Schools Central Office

Breakdown:

- Architect will provide the following professional services related to the scope of work described in this proposal:
- Review original Contract Documents and previous reports as such documents relate to conditions described in the Scope of Work and are supplied to architect by the Town of Fairfield Public Schools.
- Visit the site to verify existing conditions and construction details. Coordinate with a roofing contractor retained by The Town of Fairfield Public Schools to perform exploratory openings so as to examine concealed conditions.
- Based upon the results of field verification activities and the established scope of work, provide a proposed roof replacement system and scope of work for review and approval by the Fairfield Public Schools and Building Committee.
- Meet with the Office of School Construction Grants & Review for a pre-review evaluation meeting to review requirements for submission of the project.
- Based on the agreed upon scope of work, prepare Contract Documents consisting of drawings and specifications, setting forth in detail the requirements for construction of the project.
- Meet with the Office of School Construction Grants & Review staff for Design Development Review (DDR) and Pre-Bid Conformance Review (PCR) as required.
- Respond to Office of School Construction Grants & Review comments as required.
- Assist in the preparation of the necessary bidding information, bidding forms, conditions of the Contract and Form of Agreement between Owner and Contractor.
- Assist the Town of Fairfield Public Schools in obtaining bids.
- Prepare an agenda for a pre-bid conference at the site.
- Conduct a pre-bid conference at the site.
- Prepare minutes from the pre-bid conference.
- Respond to contractor questions and prepare addenda, as necessary.
- Assist the Town of Fairfield Public Schools in evaluating bids and in awarding construction contract.
- Conduct a meeting with a representative from the Fairfield Public Schools, Building Committee, and the Contractor prior to the commencement of the work, to review the Contractor's proposal for compliance with the requirements of the Contract Documents.
- Review and take appropriate action on Contractor's submittals such as shop drawings, product data and samples, to establish their conformance with the design concept expressed in the Contract Documents; forward to the Town of Fairfield Public Schools, for review and record, written warranties and related documents required by the Contract Documents and assembled by the Contractor.

- Visit the site weekly during construction to become familiar with the progress and quality of work and to determine if the work is being performed in general compliance with the Contract Documents.
- Conduct meetings in conjunction with site visits to assess the progress of the work.
- Prepare field observation reports following site visits to document progress and quality of the Contractor's work.
- Authorize minor changes in the work if they are necessary and do not involve adjustment to the contract sum or extension of the contract time.
- Review and certify amounts due the Contractor.
- Visit the site to develop a punch list and again to conduct a final inspection with the Manufacturer's representative.
- Determine the date of completion.
- Certify Contractor's requisition for Final Payment based upon the final inspection indicating the work is in general compliance with the requirements of the Contract Documents.

75,792

Contingency

Prepared by:

Fairfield Public Schools Central Office

Breakdown:

- Carry a contingency for unforeseen conditions during demolition of old roofing materials down to the existing roof deck.

70,064

Total

\$ 1,409,046

A RESOLUTION APPROPRIATING \$1,409,046 FOR THE COSTS OF REPLACING A PORTION OF THE ROOF AT OSBORN HILL ELEMENTARY SCHOOL AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of One Million Four Hundred Nine Thousand Forty-Six (\$1,409,046) Dollars to fund the costs associated with the replacement of a portion of the roof at Osborn Hill Elementary School, including disposal, supplies, engineering, inspection, oversight, installation, financing and other related costs (the "Project").
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed One Million Four Hundred Nine Thousand Forty-Six (\$1,409,046) Dollars and issue its general obligation bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Project.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of

bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years therefrom. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986,

as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Project from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman and Fiscal Officer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman and other Town officials are authorized to seek grants and other contributions for the costs of the Project. Any such grants or other contribution received prior to the issuance of the Bonds authorized herein shall be applied to the costs of the Project or to pay at maturity the principal of any outstanding bond anticipation notes issued pursuant to this Resolution and shall reduce the amount of the Bonds that can be issued pursuant to this Resolution. If such grants and other contributions are received after the issuance of the Bonds, they shall be applied to pay the Bonds or as otherwise authorized by the Board of Selectmen, Board of Finance and Representative Town Meeting provided such application does not adversely affect the tax exempt status of the Bonds.

1/31/2020

TOTAL \$ 949,878.71

Town/BOE	Date	Proposal	Cost	Description	Purchase Order
Tighe and Bond					
Town	8/12/2019	F-0439	\$ 80,100.00	Fill Investigation, Management, and Remedial Planning Gould Manor	20000636
BOE	8/23/2019	F-0439	\$ 56,600.00	Proposal for Fill Investigation, management and Remedial Planning for 8 schools	20000725
BOE	8/27/2019	F-0439	\$ 49,900.00	Proposal for Fill Investigation, management and Remedial Planning	20000725
Town	9/6/2019	F-0439	\$ 69,498.00	Additional Delineation for Remediation Scope Development	20000636-1
Town	9/25/2019	F-0349	\$ 75,000.00	Proposal for Environmental - Second List 21 sites.	20000636-2
Town	11/19/2019	F-0439	\$ 95,600.00	Gould Manor Remediation Oversight and Reporting	200001298
BOE	11/13/2019	F-0440	\$ 16,970.00	Jennings School Remediation Oversight	20002394
BOE	11/14/2019	F-0441	\$ 18,129.00	Jennings School Remediation Oversight (Additional Work)	20002394
Town	11/19/2019	F-0441	\$ 17,290.00	Burroughs Park Remediation Oversight	20002395
BOE	1/31/2020		\$ 9,000.00	Osborn School Project Oversight	Pending
Red Technology					
	10/17/2019	Bid 2017-08	\$ 119,639.80	Burroughs Soil Remediation and Backfill	20001518
	10/4/2019	Bid 2017-09	\$ 119,500.00	Gould Manor Soil Remediation and Backfill	20001300
	12/11/2019	Bid 2017-10	\$ 70,000.00	Gould Manor Soil Remediation and Backfill (Additional Work) (200 tons x \$220)(200 tons x \$60)	20001300
ACV					
	12/2/2019	CT DAS 14PSX031	\$ 99,168.00	Jennings Remediation and Backfill	20002059
	12/2/2020	CT DAS 14PSX031	\$ 35,136.75	Jennings Remediation and Backfill (Additional Work)	20002059
	10/1/2019	CT DAS 14PSX031	\$ 4,260.79	Emergency closure of field sites, fencing installation, and soil stabilization	
	1/30/2019	CT DAS 14PSX031	\$ 44,423.68	Osborn Hill School Remediation	Pending
CHRISTOPHER R. GIDEZ	11/1/2020	Professional	\$ 19,600.00	Development of Town Website and resident communications	
Weston and Sampson	1/29/2020	RFQ 2020-45	\$ 19,500.00	Development of Site Sampling Plan for Landfill and NOV Response	Pending
Wiggin and Dana	1/29/2020	Legal Services	\$ 18,701.87	Legal Services in Response to CTDEEP NOVs, EPA NOV, and Coordination with Town	
			\$ 4,384.50	Legal Services in Response to CTDEEP NOVs, EPA NOV, and Coordination with Town	
		TOTAL	\$ 949,878.71	Amount that has been encumbered as of 1/31/2020	
		TOTAL	\$ 1,042,402.39	Amount pending Approval by the BOF 2/5/2020	

*Additional Sites that Require Remediation: Old Damn Road, Sunset Avenue, Mill Hill School, Jennings Beach Parking Lot, and McKinley School

**Additional Investigation Sites pending Laboratory Analytical: Penfield Pavilion, Hoydens Hill, Tomlinson School, Smith Richards Golf Course, Perry Street, Samp Mortar (catch basin repair)