

**TOWN OF  
ELLINGTON  
BUILDING  
REPAIRS  
FISCAL YEAR  
2019-2020**

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL	
Agency/Department: <b>Ellington Volunteer Fire Department</b>	Project Name: <b>Roof Replacement Station 43</b>
Project Description: Replacement of the 25 year old roof. There are at least two layers of shingles on the existing roof requiring it to be stripped. Once stripped replacement would be for a metal roof which can last up to 50 years or more.	Priority Rank by Agency/Department
	<input type="checkbox"/> #1 Committed Project <input type="checkbox"/> #2 Urgent Project <input checked="" type="checkbox"/> #3 Needed Project <input type="checkbox"/> #4 Desirable Project <input type="checkbox"/> #5 Acceptable Project
Justification: Replacement of the 25 year old roof, this will alleviate the potential for leaks causing damage to the interior of the building.	Required/Desired Date of Project Completion: Fiscal Year 2020-2021
Benefits: The building would have a longer lasting roof and there would be no potential for leaks causing damage.	Type of Project: Facilities upgrades

Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction			50,000							
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>										
New Personnel										
Annual Maintenance										
<b>TOTAL COST TO TOWN</b>			50,000							

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other



# The Ellington Volunteer Fire Department, Inc.

29 Main Street, P.O. Box 911 Ellington, CT 06029

Ph 860-870-3190

[www.ellingtonfire.org](http://www.ellingtonfire.org)

fx 860-870-3194

[facebook.com/ellingtonFD](https://facebook.com/ellingtonFD)

Jack Rich II, *Chief*  
Robert Smith, *Deputy Chief*

Brendan Burke, *Assistant Chief*  
Karl Neubecker, *Deputy Chief*

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Report To: Lori Spielman, First Selectman

From: Jack Rich II, Chief

Date: November 30, 2018

Re: Capital Improvements Program 2019-2020

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Enclosed you will find the FY 2019-2020 Capital Improvements Program requests with details. We have also included, as in past submissions, our 20 year apparatus and major equipment replacement program (please note that this document does not include a facilities replacement program).

We request the opportunity to meet with the full board to discuss, in detail, our requests and as well as the projections. Basic specifications/information and quotes are included to detail the requests. If you have any questions or need additional information, please feel free to contact me.

Our 2019 meeting schedule for the department is also included in this package and has already been submitted to the Town Clerk via email.

Respectfully,

*Jack Rich II*

Jack Rich II, Chief

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## Proposed Apparatus and Major Equipment 20 Year Replacement Program December 2018

The Ellington Volunteer Fire Department developed this table in 2000 and updates it annually. It shows all of the current fire/rescue vehicles with their estimated replacement cost, estimated useful life and replacement schedule for a 20-year period. This document includes only apparatus, response and training equipment; **facility items are not included.**

Apparatus / Equipment	Type / Description	Year of Mfg.	New / Used At Purchase	Estimated Finance Replacement Year	Estimated Replacement Cost (2018\$)
Engine Tank-143	Pumper 1000 gal / 1500 GPM- <i>requested to be replaced annually since 16-17</i>	1997	Purchased new – currently 21 years old	2019-2020	667,000
Current Forestry 143 4X4 – replacement with Class A pumper	Replace with a 4X4 Pumper 500 gal / 1000 GPM - replace the 2 forestry units with 1 apparatus - <i>requested to be replaced annually since 14-15</i>	1986	Purchased used** - currently 32 years old	2019-2020	400,000 – (Assistance to Firefighter Grant applied for by EVFD Oct 2018)
Forestry 243	1996 GMC Pick-up	1996	Purchased new – currently 22 years old		
TICs (3)	Thermal Imaging Cameras (TIC)	2012	New	2021	30,000
Special Hazards-143	Rescue / Hazmat / Tow Vehicle	2007	New ♦ ♦	2022	85,000
Rescue-143	Heavy Rescue Refurb option	2001	New	2021	670,000 300,000
HazMat-143	Hazmat Trailer	2005	New ♦	2025	12,000
Burn Trailer	Live Fire Training - Burn Trailer	2006	New ♦ ♦ ♦	2026	400,000
Tanker-143	Tanker 3000 gal / 1500 GPM	2007	New	2027	390,000
Gator-143	6X6 UTV and Trailer	2012	New	2027	24,000
Service-143	Utility Truck	2014	New	2029	85,000
Truck-143	Quint – Ladder Truck 300 gal / 1500 GPM / 103'	2010	New	2030	1,000,000
Hydraulic Tools	Hydraulic Rescue Tools (Jaws of Life)	2010	New	2030	80,000
Marine 143	Boat Trailer and Boat	1994/ 2016*	New boat only	2026 boat and trailer	12,000
Service-243	Four Door Pickup	2016	New	2031	60,000
SCBA	Self-Contained Breathing Apparatus and System Upgrade	2018	New	2033	500,000

\*Original purchase by the department utilizing donations in 1994, boat replaced in 2016 with Capital Improvement funding in 2016.

\*\*1986 Hummer purchased used via state surplus. ♦ Trailer received as donation from Country Pure Foods, majority of equipment received from federal grant programs ♦ ♦ Vehicle obtained for use as participant of regional hazardous materials response team ♦ ♦ ♦ 95% of funds for unit obtained through a FEMA grant.



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Jack Rich II, *Chief*  
Robert Smith, *Deputy Chief*

Brendan Burke, *Assistant Chief*  
Karl Neubecker, *Deputy Chief*

To: Diane H. McKeegan Town Clerk  
Donna Hosey Assistant Town Clerk

From: Chief Jack Rich II

Date: November 30, 2018

Re: 2019 Meeting Schedule for the Ellington Volunteer Fire Department, Inc.

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Board of Directors Meetings for 2019  
All meetings begin at 7:30 PM

Monday, January 7  
Monday, February 11  
Monday, March 11  
Monday, April 8  
Monday, May 6  
Monday, June 10  
Monday, July 9  
Monday, August 5  
Monday, September 9  
Monday, October 7  
Monday, November 11  
Monday, December 9

Monthly Meetings for 2019  
All meetings begin at 7:30 PM

Thursday, January 10  
Thursday, February 14  
Thursday, March 14  
Thursday, April 11  
Friday, May 10  
Thursday, June 13  
Thursday, July 11  
Thursday, August 8  
Thursday, September 12  
Thursday, October 10  
Thursday, November 14  
Friday, December 12

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

### PROPOSED PROJECT DETAIL

Agency/Department: PUBLIC WORKS	Project Name: RENOVATION TO PUBLIC WORKS GARAGE
Project Description: REPAIR AND UPGRADE PUBLIC WORKS FACILITIES	Priority Rank by Agency/Department
	<input type="checkbox"/> #1 Committed Project <input type="checkbox"/> #2 Urgent Project <input checked="" type="checkbox"/> #3 Needed Project <input type="checkbox"/> #4 Desirable Project <input type="checkbox"/> #5 Acceptable Project
Justification: MAINTAIN TOWN PROPERTY, UPGRADES TO GARAGE DOORS, HVAC, LIFTS.	Required/Desired Date of Project Completion:
Benefits: LOWER UTILITY COSTS. OFFER A SAFE AND MORE PRODUCTIVE WORK ENVIRONMENT.	Type of Project: RENOVATION

Costs if not implement:

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction				\$25,000						
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>				\$25,000						
New Personnel										
Annual Maintenance										
<b>TOTAL COST TO TOWN</b>				\$25,000						

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Board of Education						Project Name: Central Office Roof Replacement				
Project Description: Replace the roof and decking insulation.						Priority Rank by Agency/Department				
						<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input checked="" type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: The roof is approaching its end of useful life.						Required/Desired Date of Project Completion: September 2023				
Benefits: To protect the structural integrity of the property.						Type of Project: School Construction Grant Roof Replacement				
Costs if not implemented: Potential for repair costs or damage due to loss of roof integrity.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction						\$85,000		\$85,000		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>						\$85,000		\$85,000		
New Personnel										
State Grant Reimbursement						-\$21,250		-\$21,250		
<b>TOTAL COST TO TOWN</b>						\$63,750		\$63,750		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Board of Education						Project Name: Ellington Middle School Roof Replacement				
Project Description: Replace the roof and decking insulation.						Priority Rank by Agency/Department				
						<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input checked="" type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: The roof is approaching its end of useful life.						Required/Desired Date of Project Completion: September 2023				
Benefits: To protect the structural integrity of the property.						Type of Project: School Construction Grant Roof Replacement				
Costs if not implemented: Potential for repair costs or damage due to loss of roof integrity.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction						\$1,700,000		\$1,700,000		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>						\$1,700,000		\$1,700,000		
New Personnel										
State Grant Reimbursement						-\$850,000		-\$850,000		
<b>TOTAL COST TO TOWN</b>						\$850,000		\$850,000		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Board of Education						Project Name: Center School Roof Replacement				
Project Description: Replace the roof and decking insulation.						Priority Rank by Agency/Department				
						<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input checked="" type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: The roof is approaching its end of useful life.						Required/Desired Date of Project Completion: September 2023				
Benefits: To protect the structural integrity of the property.						Type of Project: School Construction Grant Roof Replacement				
Costs if not implemented: Potential for repair costs or damage due to loss of roof integrity.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction						\$1,150,000		\$1,150,000		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>						\$1,150,000		\$1,150,000		
New Personnel										
State Grant Reimbursement						-\$575,000		-\$575,000		
<b>TOTAL COST TO TOWN</b>						\$575,000		\$575,000		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

### PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education						Project Name: High School Auditorium Exterior Repair				
Project Description: Repair of current exterior wall.						Priority Rank by Agency/Department				
						<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input checked="" type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: The current Exterior Insulation Finishing System (EIFS) is starting to peel apart. Current maintenance efforts are sufficient to deal with current issues, but this will need to be done within the timeframe of the current capital budget.						Required/Desired Date of Project Completion: September 2020				
Benefits: Reduce risk of damaged property.						Type of Project: Maintenance				
Costs if not implemented: Repairs and maintenance due to leaking exterior.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction				30,000				30,000		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>				30,000				30,000		
New Personnel										
State Grant Reimbursement										
<b>TOTAL COST TO TOWN</b>				30,000				30,000		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Board of Education						Project Name: Ellington High School Roof Replacement				
Project Description: Replace the roof and decking insulation.						Priority Rank by Agency/Department				
						<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input checked="" type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: The roof is approaching its end of useful life.						Required/Desired Date of Project Completion: September 2023				
Benefits: To protect the structural integrity of the property.						Type of Project: School Construction Grant Roof Replacement				
Costs if not implemented: Potential for repair costs or damage due to loss of roof integrity.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction						\$2,866,380		\$2,866,380		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>						\$2,866,380		\$2,866,380		
New Personnel										
State Grant Reimbursement						-\$1,433,190		-\$1,433,190		
<b>TOTAL COST TO TOWN</b>						\$1,433,190		\$1,433,190		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

### PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education						Project Name: Windermere School Floor Abatement				
Project Description: Remove and replace 50,000 square feet of asbestos floor tile and ceiling tiles school wide.						Priority Rank by Agency/Department				
Justification: Floor tiles are old and are Vinyl Asbestos Tile (VAT) in need of replacement.						Required/Desired Date of Project Completion: September 2020				
Benefits: Safer and more secure environment for students, staff, and community.						Type of Project: School Construction Grant Code Compliance				
Costs if not implemented: Expensive emergency repairs and patching may become necessary.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction			\$400,000					\$400,000		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>			\$400,000					\$400,000		
New Personnel										
State Grant Reimbursement			-\$228,000					-\$228,000		
<b>TOTAL COST TO TOWN</b>			\$172,000					\$172,000		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

### PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education	Project Name: Windermere School Window Replacement									
Project Description: Replace the single pane windows in the original portion of the building.	Priority Rank by Agency/Department									
	<table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;"><input type="checkbox"/> #1</td> <td style="border: 1px solid black; padding: 2px;"><input type="checkbox"/> #2</td> <td style="border: 1px solid black; padding: 2px;"><input checked="" type="checkbox"/> #3</td> <td style="border: 1px solid black; padding: 2px;"><input type="checkbox"/> #4</td> <td style="border: 1px solid black; padding: 2px;"><input type="checkbox"/> #5</td> </tr> <tr> <td style="font-size: small;">Committed Project</td> <td style="font-size: small;">Urgent Project</td> <td style="font-size: small;">Needed Project</td> <td style="font-size: small;">Desirable Project</td> <td style="font-size: small;">Acceptable Project</td> </tr> </table>	<input type="checkbox"/> #1	<input type="checkbox"/> #2	<input checked="" type="checkbox"/> #3	<input type="checkbox"/> #4	<input type="checkbox"/> #5	Committed Project	Urgent Project	Needed Project	Desirable Project
<input type="checkbox"/> #1	<input type="checkbox"/> #2	<input checked="" type="checkbox"/> #3	<input type="checkbox"/> #4	<input type="checkbox"/> #5						
Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project						
Justification: The windows in the original portion of the building are old and are not efficient. Replacing them would save on energy costs.	Required/Desired Date of Project Completion: September 2020									
Benefits: To increase energy efficiency of the building.	Type of Project: School Construction Grant Energy Conservation									

Costs if not implemented: Costs of heating and cooling an inefficient building.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction			\$200,000					\$200,000		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>			\$200,000					\$200,000		
New Personnel										
State Grant Reimbursement			-\$57,000					-\$57,000		
<b>TOTAL COST TO TOWN</b>			\$143,000					\$143,000		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

## CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Board of Education						Project Name: Windermere School Roof Replacement				
Project Description: Replace the roof and decking insulation. Date of installation was 1990.						Priority Rank by Agency/Department				
						<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input checked="" type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: The roof is 28 years old and should be scheduled for replacement soon. Leakage and repair issues are starting to increase as the roof ages.						Required/Desired Date of Project Completion: September 2020				
Benefits: To protect the structural integrity of the property.						Type of Project: School Construction Grant Roof Replacement				
Costs if not implemented: Potential for repair costs or damage due to loss of roof integrity.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction			\$1,714,800					\$1,714,800		
Equipment Purchases										
Other (Identify)										
<b>SUBTOTAL</b>			\$1,714,800					\$1,714,800		
New Personnel										
State Grant Reimbursement			-\$977,436					-\$977,436		
<b>TOTAL COST TO TOWN</b>			\$737,364					\$737,364		

\*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other