Live Fire Structure Committee Thursday, October 1st, 2020 Virginia Department of Fire Programs Headquarters 11:00am

AGENDA

- 1. PLEDGE OF ALLEGIANCE & MOMENT OF SILENCE
- 2. ROLL CALL
- 3. SIGN-IN SHEET FOR GUESTS
- 4. CHANGES IN AGENDA
- 5. PUBLIC COMMENT
- 6. CONSENT AGENDA
 - A. Approval of the previous meeting minutes
- 7. COMMENTS FROM COMMITTEE CHAIRMAN
- 8. UNFINISHED BUSINESS
 - A. Review cost impact to address NFPA standards change for Impingement Protection Project
- 9. NEW BUSINESS
 - A. One Year Grant extension Scott County
 - B. One Year Grant Extension Hanover County
 - C. One Year Grant Extension Fluvanna County
 - D. Project scope change Prince George County
 - E. VFIRS Grant Awards
 - F. Live Structure Policy Change review
- 10. ADJOURNMENT

Live Structure Committee
Wednesday, June 10, 2020
Video Conference utilizing Google Hangouts
10:00am

A regular meeting of the Live Structure Committee was held was held electronically through Google Hangouts because of the State of Emergency initiated by the Honorable Ralph Northam, Governor of Virginia. The committee had a constituted Quorum and was called to order.

COMMITTEE MEMBERS PRESENT

Walt Bailey James Stokely David Hankley Bettie Reeves-Nobles Harry L. Day Stephanie L. Koren

BOARD MEMBERS PRESENT

Keith Johnson
James Calvert
James Poindexter
Scott Garber

COMMITTEE MEMBERS ABSENT

Rick Gregory Jerome Williams

GUESTS PRESENT

Michael A. Matthews Larry Gwaltney

Live Structure Committee
Wednesday, June 10, 2020
Video Conference utilizing Google Hangouts
10:00am

AGENCY MEMBERS PRESENT

Travis Rickman Robert Dube
Mike Reilly Brook Pittinger
Theresa Hunter Bill MacKay
Briant Atkins Jeff Liebold

CHANGES IN THE AGENDA

N/A

PUBLIC COMMENTS

N/A

COMMENTS FROM THE COMMITTEE CHAIR

The Chairman

CONSENT AGENDA

No Changes to the previous meeting minutes member Jim Stokely moved to approve the previous minutes with a second from Stephanie Koren and the previous minutes were approved.

UNFINISHED BUSINESS

N/A

NEW BUSINESS

1. **Topic:** Review Cost impact to address NFPA standards change for Impingement Protection Project

Live Structure Committee Wednesday, June 10, 2020 Video Conference utilizing Google Hangouts 10:00am

Motion: Member David Hankley motioned to table the matter which was seconded by Bettie Reeves- Nobles for further discussion at the next meeting of the Live Structure Committee

Topic Discussion: The committee discussed that they believed there needed to be additional conversations as it related to the impingement protection project because they believed that the online format and the COVID pandemic might have stifled public comment. The committee instructed staff to move the conversation to the next full meeting to have further discussion on the cost impacts and how to address the issue in bringing all of the live fire training structures into compliance with new NFPA standards as interpreted by the structure group.

Vote: Unanimous

Motion Action: Matter tabled till the next meeting of the Live Structure committee meeting in September or October time frame.

2. Topic: Class "B" to Class "A" fuel conversion- Live Fire Training Structure Policy addition

Motion: Member Jim Stokley moved to approve the policy as written and present it to the full board at the next full meeting. The motion was properly seconded by member David Hankley

Topic Discussion: The Chairman of the committee discussed that we already had some localities using these conversion requirements with approval from the board. He also concluded that this was just a clarification to the departments that if they make these changes that they must follow these specific guidelines for the structures to remain grant eligible.

Vote: Unanimous

Motion Action: Present it to the full board meeting on Friday, June 12th, 2020 for full board approval.

Live Structure Committee
Wednesday, June 10, 2020
Video Conference utilizing Google Hangouts
10:00am

Additional Final Comments:

Executive Director: The Executive Director wanted to inform the committee on a pressing issue relating to OSB which a recent study has shown that the use of OSBs in training environments has been shown to increase carcinogens which can increase the chance of cancer. So it is the agencies view that we do not recommend the use of OSB's in a training scenarios.

James Stokley: Inquired on the next time that the committee and full board would be able to meet in person which the Executive Director answered that soon it is expected that Virginia moves into Phase 3 which will allow for in person meeting but there must be proper social distancing rules along with the use of masks.

ADJOURNMENT

Motion was made to adjourn by Bettie Reeves-Nobles and seconded by Stephanie Koren committee adjourned at 10:30am.

Clerk of the Committee: Travis Rickman

REVIEWED BY:

Brook Pittinger Deputy Executive Director

Fire Impingement Protection Project Cost Comparison

Cost Summary:

		3 Year Project	4 Year Project	5 Year Project
	Cost	Per year cost	Per year cost	Per year cost
Full Compliance	3,661,421.76	1,220,473.92	915,355.44	732,284.35
Partial Compliance	1,913,481.96	637,827.32	478,370.49	382,696.39

Funding Balance Summary:

Balance remaining if award localities with funding based on compliance levels above.

		3 Year Annual	4 Year Annual	5 Year Annual
	Funding	Fund Balance:	Fund Balance	Fund Balance
Annual Funding: Full	975,000.00	(245,473.92)	59,644.56	242,715.65
Annual Funding: Partial	975,000.00	337,172.68	496,629.51	592,303.61

Burn Building Prop Fire Impingement Protection Summary
Required for
Full Compliance with NFPA 1402 at All Fire Impingement Areas
Unprotected Fire Impingement Areas

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	_	VDFP A	Actual Burn	Const.	Compliant	Floor Levels	Nun	fBurn			Exterior			H			Interior			Thermal Pro	tection				
BB# Locality	Type Pro		_		W/ NFPA	(Burn Building Prop	Rooms	я П		Doors		Windows	ows		Burn Room	om	Adjac	Adjacent to Burn Room	Room	Thermal		Material Cost	9	Total Cost	Prorated Cost
	Si		Size (SF)	Progress	Protection	Only)			Concrete Slab	Jambs/ Header		Concrete Slab	Jambs/ Header	der Celling	Standard		Celling		Jambs/ Header	Protection	웃		Cost		
							3rd 2nd Floor Floor	1st	Locations (SF)	Locations	(SF) Locations	ions (SF)	Locations	(SF) (SF)		(SF)	Locations (SF)		Locations (SF)	Firebrick (SF)	(SF)				
1 Wise, Town	1A	1,730	1,529	No	Yes	2	_	-	0 0	0	0	0	0	0		0	0		0	0		8			
2 Gloucester, County	28	1,881	1,084	No.	No	2	N/A 1	-		2	1	1	3	1	+	1	2		38	1885	434 6	16 551 54 6		73 EEA 67	¢ 23 554 67
3 Blackstone, Town	1A	1,730	4,775	No	No	3	0 3	3		4			5	155 0	2934		,	36	1775	(June 1)			40 674 38	209 721 39	
4 Chesterfield, County	1A	1,730	5,199	No	No	3	0 6	7	0	9	319.5 0	-	80	7	+	+	0	0 8	7 248 5	100000	0 0	00,008,532		30,000 353	.8
4 Chesterfield, County	18	1,730	2,611	No	No	2	3	3		2			2	62 255	5 1116		4	144	240.5		L	356,356,000		638,096.25	П.,
5 Danville, City	28	1,881	2,552	No	No	2	N/A 1	-	0	-	19		5	1	1	+	0	0	2 57	143 5	490 6	16 145 04	7014 38 6	23 160 22	
6 Halifax, County	IA	1,730	1,334	No	No	2	N/A 1	1	0 0	1			1				0	0 0	71	27075	200	88	2 85 VES VC	199 190 39	1
7 Hanover, County	1A	1,730	1,864	No	No	3	0 1	2	0 0	0	1	-	0	0	0	+	ω .	1	0	108		7,992.00	1,215,00 \$	9 207 00	\$ 200,109.30
8 Henrico, County	IA	1,730	5,079	No	No	3	3 5		0 0	4	142 0		6			0	0		2		0	406.963.00 \$	61.869.38 \$		-
9 Henry, County	28	1,881	1,804	No	No	2	N/A 1	1	0 0	2	38 0		5	П	Н	+	0	0	2 38	1	444	15,292.74 \$	6,609.38 \$	21,902.12 \$	\$ 21,902.12
10 Mecklenburg, County	14	1,730	1,720	No	No	2	N/A 1	1	1 19	1	35.5 2	38	2	62 0			2	72	2 71	1251.5	0	92,611.00 \$	14,079.38 \$		
11 Newport News, City	1A	1,730	1,725	No	No	2	N/A 1	5	0 0	3	106.5 0		4	124 0	Н	Н	0	0	1 35.5	4568	0	338,032.00 \$	51,390.00 \$	389,422.00	
13 Virginia Beach City	IA IA	1,730	2,989	No	Yes	3	0 4	2	0 0	0	0 0			10	100	88	0		0 0	0	0	- \$	WINDOWS - SO	100 - 00 A	
14 Augusta County	28	1881	1 520	NO	NO		. 0	, ,	0	,	5	L	L	ľ	H	H	0	0	3 106.5	6507	0	481,518.00 \$	73,203.75		\$ 296,194.02
15 Fairfax, County	14	1,730	3,724	No so	No	2	N/A	3	1 19	1	25.50	0 0	0	0 0	163	514	0	0	3 57	1152	514 \$	236	18,742.50	69,216.78	
16 Accomack, County	IA	1,730	2,640	No	Yes	2	N/A 1	1	0 0	0			0				0	0 00	0 0 0	000	0 0	\$ 00.775,17	3,240.00	24,552.00	\$ 11,405./4
17 Richlands, City	1A	1,730	1,627	No	Yes	2	N/A 1	1	0 0	0	H	4	0	+	+	+	0	1	0	0	0 0				
18 Lynchburg, City	IA	1,730	2,163	No	Yes	2	N/A 1	2	0 0	0	0 0	0	0				0			0	0	- 5	- 5		\$
19 Lee, County	1A	1,730	1,440	No	No	1	N/A N/A	4	2 38	2	H	L	2	62 0	H	572	4		Ц	1719	572 \$	140,762.40 \$	25,773.75 \$		\$ 166,536.15
21 Galax City	07	Too'T	1,726	No	No	2	N/A 1	1	0 0	2	38 0	No.	3	40.5 0		100	2	72	2 38	188.5	392 \$	15,556.14 \$	6,530.63 \$	22,086.77 \$	100
22 Pulaski, Town	IA IA	1,730	1,550	N O	NO	, ,	N/A	,		, 1	1		u	93 0	837	H	4	144	L	1270.5	0	94,017.00 \$	14,293.13 \$		
23 Covington, City	1A	1,730	1,825	No	No	2	N/A 2	2		2	71 4	76	4	124 0		-		1000	177 5	1073 5	140		23,602.50 \$	178,854.50	. 8
24 Rockbridge, County	1A	1,730	Unknown	Yes	Yes	2	N/A 1	1	0 0	0	0		0	9		0	0		0	002.00	0 4	200.000	\$ 00.741/77	104,030.10	OC.7C7,0CT &
25 Emporia, City (Greensville County)	1A	1,730	1,363	No	No	2	N/A 1	2	0 0	1	5				+	-	0	1			109	116,728.30 \$	18,579.38 \$	135,307.68	\$ 135,307.68
26 Franklin, City	1A	1,730	1,363	No	No	2	N/A 1	2	0 0	1	35.5 5	95	6	186 205		538	2	72	2 71	1	538 \$	155,829.60	27,804.38 \$	183,633.98	
27 Chilhowie, Town	ZA	1,881	1,863	No	No	2	N/A 1	-	0	0	0	L	0	т	H	Н	0		3 57		0	ı	641.25 \$		
29 Charletterille City	AL	1,730	3,955	No	No	3	0 2	1	0 0	0	0 0			100	100	300	3	No.	3 106.5	1341.5	0 \$	99,271.00 \$	15,091.88 \$	114,362.88 \$	\$ 50,024.72
30 Fairfax City	28	1,881	1,762	NO	NO	, ,	N/A		3 57	3	5		L	186 0	H	0	0	T	L		0	197,247.00 \$	29,986.88 \$	227,233.88	
31 Goochland, County	1A	1.730	1.152	No.	200	2	N/A	3	100	1	30 0		4	Ĭ.		8	1	36	2 38	166	385	14,642.34 \$	6,198.75 \$	100	8
32 Harrisonburg, City	2A	1,881	Unknown	Yes	Yes	2	N/A 1	. ,	0 0	0	0	0 3	0	0 0			0		2 106.5	134/	0 0	99,678.00 \$	15,153.75 \$	114,831.75 \$	\$ 114,831.75
33 Orange, County	1A	1,730	1,995	No	No	3	1 1	-	0 0	0	1	1	2	1	+	372	5	180	5 177.5	1049 5	377	86 479 40 5	15 991 88 5	102 471 28	08 028 88
34 Prince William, County	1A	1,730	5,391	No	No *	3	0 3	4	0 0	0	0 0		0	8			0			60			675.00 \$	876.60	\$ 281 31
	1A	1,730	3,064	No	No	3	0 1	2	0 0	0	0	0	3	+	+	+	0	1			0	- 1	- 1	17.007.38	٥
nty	2A&B	1,881	2,219	No	No	2	N/A 2	1	0 0	0	0 0	0	4				0				329 \$	17,417.30 \$	5,163.75 \$	22,581.05	\$ 19,141.48
37 Loudoun, County	1A	1,730	8,000	No	No	3	4 6	3	0	6	213 0	0	12	372 0	H	Н	2		9 319.5	5710.5	0	422,577.00 \$		486,820.13	ᆈ
38 Roanoke, County	28	1,881	1,859	No	No	2	N/A 1	1	0 0	1	19 0	0	2	27 0		169	3	108	3 57	211	169 \$			15,293.94	8
39 Buckingnam, County	IA	1,730	1,740	No	No	2	N/A 1	4	0	L	106.5 0	L	4	124 0	H	H	0	0	L	2588.5	0	191,549.00 \$	29,120.63 \$.,	, l
40 Fauquier, county	IA.	1,730	1,63/	No	Yes	2	N/A 1	4	0 0	0	0 0	0	0	0 0	20	0	0	0	0 0	0	0 \$	- \$			8
42 Northimberland County	ZA	1,881	1,862	No	No	2	N/A	-	0	1		L	2	27 0	0	H	0	t	L	103	L	7,622.00	1,158.75 \$	ш	\$ 8,780.75
42 Bodford City	74	1,/30	L,363	NO	No	4000	N/A I	4	0 0	3	106.5	SEC. 25	4	124 0		0	0	0	0 0	2273.5	0 \$	168,239.00 \$	25,576.88 \$	193,815.88	\$ 193,815.88
43 Bediord, City	2A	1,881	1,293	No	No	2	N/A	-	0	1	19 0	L	L	67.5 0	0	H	1	36	3 57	179.5	410 \$	15,683.58 \$	6,631.88 \$	П	П
AS Farmuille Tour	20	1,881	Unknown	Yes	Yes	2	N/A 1	1	0 0	0	0 0		0	0 0	100	88	0	0		0	0 \$	- \$	- \$		\$ -
AG MACRES TOWN	07	1,881	1,981	No	No	2	N/A	-	0	1	19 0	0	2	27 0	H	0	0	0	2 38	84	0	2,792.16 \$	945.00 \$	3,737.16	\$ 3,548.51
47 Winchester City	24	1,881	2,200	No	No	2	N/A 1	. 1	0 0	0			0		100	100	0		8	38	0 \$	1,263.12 \$	427.50 \$	1,690.62	\$ 1,445.48
48 Prince George County	28		Inknown Coo.	Va S	Yes	2	N/A L			0		L	0	H	H	H	0	t	L	0	0 \$		- \$		\$
49 Fluvanna County	24	1	Unknown	V	4	2	W/A .			0	STATE OF THE PERSON NAMED IN	Si Sandi	0	8	0	0	0		100	0	0	- \$	- \$		\$
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Total Costs: \$ 4,760,622.06 \$ 786,600.00 \$ 5,547,222.06 \$ 3,661,421.76

The Structures Group, Inc. January 17, 2020 VA16075.FOR

Burn Building Prop Fire Impingement Protection Summary
Required for
Minimum Compliance with NFPA 1402 and VDFP at All Fire Impingement Areas

													Unprote	Unprotected Fire Impingement Areas	mpingen	ent Areas					. s	Square Footage of	e of			
		VDFP	Actual Burn	Const.	Compliant w/ NEPA	Floor Levels		Number of Burn				Extenor			-			Interior			5	ermai Prote	non			
BB# Locality	Type P		Building Prop		1402 Fire	Building Prop		Rooms		Doors			Windows	ws	_	Burn Room	m	Adja	Adjacent to Burn Room	ırn Room	7	Thermal	2	Material Cost	Installation	Total Cost
			Size (SF)		Protection	Only)			Concrete Slab	-	Jambs/ Header	Concrete Slab	\dashv	Jambs/ Header	_	<u>.</u>	$\overline{}$	Celling	_	Jambs/ Header	_		웃		Cost	-;
							3rd 2r	2nd 1st	Locations ((SF) Loca	Locations (SF)	Locations	(SF)	Locations	(SF) (SF)		(SF)	Locations	(SF)	Locations		Excluding Firebrick (SF)	(SF)			
1 Wise, Town	IA	1,730	1,529	No	Yes	2	_	_	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0			и.	1
2 Gloucester, County	28	1,881	1,084	No	No	2	N/A	-	0	0	2 38	0	0			0	434	2	72	2		2 22	434 \$		- 18	2
3 Blackstone, Town	1A	1,730	4,775	No	No	3	0	3 3	1	19	1 35.5	2	38	2	62 0	1152		,	36	2		188.5	434	16,551.54	7,003.13 \$	S
4 Chesterfield, County	Ä	1,730	5,199	No	No	w	0	6 7	0	0	2 71	0	0 80	2	62 0	1278			36		The same	1449		107,226.00	18	100
4 Chesterfield, County	18	1,730	2,611	No	No	2	N/A	1 3	,	20	71								0			1517.5	L	112,295.00		
5 Danville, City	28	1.881	2.552	No	No	2	N/A	1 3	2	8	2 71	0	0	0	1	477	8	3	108	3	01	916.5		76,566.30		\$ 91,028.18 \$
6 Halifax, County	IA	1,730	1 334	No	No	, ,	N/A	-	, ,	0	1 19		0	5	67.5 0	0	H	0	0	w	57	143.5	480 \$	16,145.94		
7 Hanguar County	1.	1 720	1 064	NO	No		N/A	100 100 100	0	0	1 35.5	0	0	1	31 0	2070	150	0	0	2	2000	207.5	2	163,355.00	2	
8 Henrico County	Ā	1,730	1,864	No	No		0	1 2	0	0	0		0	0	0	0	Н	2	72	Ц	П	72	Ц	5,328.00	Н	\$ 6,138.00 \$
& Henrico, County	i A	1,730	5,079	No	No	3	3	5 1	0	0	4 142	0	0	1	31 0	2511	0	0	0	4	142	2826	0 \$	209,124.00	31	
9 Henry, County	28	1,881	1,804	No	No	. 2	N/A	1	0	0	2 38	0	0	5	67.5 0	0	Н	0	0	2	٦	43.5		- 1	п	
10 Mecklenburg, County	1A	1,730	1,720	No	No	2	N/A	10 10	1	19	1 35.5	2	38	2	62 0	954		2	72	2		1251.5		92,611.00		88
11 Newport News, City	1A	1,730	1,725	No	No	2	N/A	1 5	0	0	2 71	0	0	1	31 0	1215	+	0	0	2	71	1388	0	ا.	1	\$ 118 327 00
12 Richmond, City	1A	1,730	2,989	No	Yes	3	0 ,	4 2	0	0	0 0	0	0	0	0 0	0		0	0	0		0		SOLUTION NO.		8
13 Virginia Beach, City	Ä	1,730	3,240	No	No	3	1	6	0	0	3 106.5	0	0	3	93 0	2232	0	0	0	2		502.5	0	185,185.00 \$	28,153.13	\$ 213.338.13
14 Augusta, county	28	1,881	1,530	No	No	2	N/A	1 2	0	0	1 19	0	0	0	0 77	810		0	0	2		944	10	39,720.96		S
15 Famax, county	Ā	1,730	3,724	No	No	2	N/A	1 3	1	19	1 35.5	0	0	0	0	162	0	1 .	36	1		288		21,312.00		s
17 Bishind City	IA.	1,730	2,640	No	Yes	2	N/A	100100	0	0	0 0	0	0	0	0 0	0	0	0	0	0		0	0 \$			\$
18 Tynchhura City	Ä	1,730	1,627	No	Yes	2	N/A	1	0	0	0	0	0	L	0	0	H	0	0	0	Н	0	Ц	i.		\$
10 Los County		De,/*T	2,103	NO	Tes	2	100	1 2	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0	0	0 \$	- \$		\$
20 British City	3 5	1,730	1,440	No	No	1	N/A N/A	/A 4	1	19	1 35.5	0	0	0	0	342	62	1	36	2	71	03.5		38,728.40 \$	6,361.88 \$	
20 pristor, city	20	T00/T	1,/26	No	No	2	N/A	1 1	0	0	2 38	0	0	3 1	0.5 0	0		2	72	2	1000	88.5	392 \$	15,556.14		\$ 22,086.77 \$
21 Odlay City	Ä	1,730	1,536	No	No	2	N/A	1 2	0	0	1 35.5	1	19	2	62 0	. 576	0	4	144	4		78.5	-	72,409.00	_	- 1
23 Covington City	, IA	1,730	1,665	No	No	2	N/A	3	0	0	1 35.5	0	0	1	31 0	918	8	0	0	1	35.5	1020				
24 Rockholden County	1	067,T	1,825	No	No	2	N/A	2 2	2	38	2 71	2	38	2	62 0	630	H	2	72	2		982		74,848.40		
25 Emporia City (Greensville County)	1 14	1,730	Unknown	Yes	Yes	2	N/A	1 1	0	0	0 0	0	0	0				0	0	0		0		100 mg		\$
26 Franklin City (Greensville County)	Ä	1,/30	1,363	No	No	2	N/A	1 2	0	0	1 35.5	3	57	3	93 106	H	Н	0	0	2	П	1073.5		82,022.30		\$ 95,325.43 \$
27 Chilhoude Tour	7	1,001	1,363	NO	No	2	N/A	1 2	0	0	1 35.5	3	57	4	124 205	100	374	1001	36	2		392.5	374 \$	3		
28 Alexandria City	ZA.	188,1	1,863	No	No	2	N/A	1	0	0	0	0	0	0		0	H	0	0	3	57	57	Ц	1,894.68	П	
29 Charlottecuille City		1 730	3,500	NO	No	, 3	0	1	0	0	0 0	0	0	3	93 0	630	100	2	72	2	No.	866	0 \$	64,084.00 \$	9,742.50 \$	\$ 73,826.50 \$
20 Enidew City	3 5	1,730	4,125	NO	No	2	N/A	2	2	8	2 71	1	19	-	31 0	846	0	0	0	ω	5	1111.5	0			
30 Fairbay, City	28	1,881	1,256	No	No	2	N/A	100 00100	0	0	2 38	0	0	4	54 0	0	385	1	36	2		166		14,642.34		3
32 Harrisophura City	7 14	1,730	1,152	No	No	2	N/A	2	-	19	1 35.5	3	57	3	93 0	576	H	2	72	з		959	0 \$	70,966.00	_	s
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* Requires removal and re-application of spray applied fireproofing for rightmost 2 steel porch columns along front elevation.

Total Costs: \$ 2,372,876.18 \$ 408,960.00 \$ 2,781,836.18 \$ 1,913,481.96

The Structures Group, Inc. January 17, 2020 VA16075.FOR

DARREL W. JETER MARSHALL TIPTON JEREMY HERRON MICHAEL BRICKEY DANNY P. MANN SELMA G. HOOD STEFANIE CRUBY



SCOTT COUNTY BOARD OF SUPERVISORS

COUNTY ADMINISTRATOR FREDA R. STARNES

190 BEECH STREET, SUITE 201 GATE CITY, VIRGINIA 24251 PHONE (276) 386-6521 FAX (276) 386-9198

EMAIL: fstarnes@scottcountyva.com www.scottcountyva.com

June 16, 2020

Ms. Theresa Hunter Virginia Department of Fire Programs 1001 Technology Park Drive Glen Allen, VA 23059

Dear Ms. Hunter:

Our A&E firm, The Lane Group, have finalized the plans and specs with the exception of the structural, which should be completed early this week. They will make an electronic submission to the Virginia Department of Fire Programs for review. This letter is to request an extension for the requirement for our building permit that is due by July 1.

Please let me know if you have any questions.

heda R. Haine

Sincerely,

Freda R. Starnes County Administrator BOARD OF SUPERVISORS

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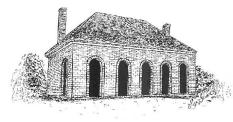
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P.O. BOX 470, HANOVER, VA 23069 13326 HANOVER COURTHOUSE ROAD, HANOVER, VA

> PHONE: 804-365-6195 FAX: 804-365-4884

FAYE O. PRICHARD ASHLAND DISTRICT

July 6, 2020

Mrs. Theresa Hunter Grants and Local Aid Manager Virginia Department of Fire Programs Attn: Regional Fire Services Training Grant Administration 1005 Technology Park Drive Glen Allen, VA 23059-4500

Mrs. Hunter;

On behalf of Hanover Fire-EMS and in accordance with the Virginia Department of Fire Programs Regional Fire Services Training Policy, I am requesting an extension to the live fire facilities grant funding as awarded to Hanover Fire-EMS for the construction of a new burn building.

The original project completion date was scheduled for December 2020. The project completion deadline has now been adjusted to show a Fall 2021 completion date. The adjustment is necessary to accommodate for the following circumstances:

- * Hanover Fire-EMS was originally working off the direction from County Planning that the site would not need to have a CUP amendment. The original CUP showed an allowance for the placement of a burn building on the site. Due to recommendations from A&E services and Civil Engineering it was determined that relocating the building site on the property would be a more functional and appropriate. With that decision the department was required to apply for a CUP amendment and navigate through the process which required additional approvals from the Planning Department and Board of Supervisors, both of which required separate public hearings. All hearings and approvals were received successfully received.
- * Due to the timeline in which these processes took place we were pushed into the COVID-19 pandemic which resulted in further delays due to county offices, Board of Supervisors meetings and public hearings being cancelled or significantly delayed. Downstream this also led to delays in A&E services and getting final plans and drawings as those services were also delayed due to COVID-19.

The project is now back on schedule and there are no foreseeable delays in the future. The timeline of benchmarks has not changed rather the overall completion date. Please schedule the department to attend the next available Fire Services Board meeting in order to present the request and comply with the requirements of the grant program.

If you have further questions or concerns please feel free to contact me. Thank you for your assistance and attention to this matter.

Respectfully;

B. Wade Sanders Battalion Chief of Training & Safety Hanover Fire-EMS

Hanover: People, Tradition and Spirit



COUNTY OF FLUVANNA

"Responsive & Responsible Government"

132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

September 22, 2020

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Patricia B. Eager Palmyra District

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COUNTY ADMINISTRATION

Eric M. Dahl
County Administrator

Caitlin Solis
Clerk to the Board

Theresa Hunter
Budget and Grants Manager
Virginia Department of Fire Programs
1005 Technology Park Drive
Glen Allen, VA 23059-4500

Dear Ms. Hunter;

I am writing on behalf of Fluvanna County and the Fluvanna County Fire and Rescue Association for a "No Cost Extension" of our burn building grant that was awarded in August 2017.

Fluvanna County and the Fire County Rescue Association have been working continuously on this project to meet our November 14, 2020 date for building construction to begin. We do have the building design plan completed and a building permit issued for the project. However, the reduction in the cost estimate for the project has been accomplished but not to the level that is required by our Board of Supervisors. The BOS did agree to allow the project to be released for bids, with a modification on the project, with the anticipation of the bids returning at an even lower cost. This process will require a time line greater that the November 14, 2020 Grant Extension date.

The building cost, building & design, are approximately \$497,643.00 Some of the building cost are contained within general cost items as concrete and stone and are hard to precisely break out.

We are requesting the "No Cost Extension" through to November 14, 2021 to continue our Grant with the Fire Board review and approval.

Fluvanna County and the Fluvanna County Fire and Rescue Association are continuing to move this project forward to completion. We would appreciate your assistance with this request,

Respectfully Submitted,

Eric Dahl
County Administrator



Director

Prince George Fire and EMS

P. O. Box 68, 6602 Courts Drive Prince George, Virginia 23875 (804) 722-8614 Fax (804) 733-2769

August 13, 2020

Theresa Hunter Budget and Grants Manager Virginia Department of Fire Programs 1001 Technology Park Drive Glen Allen, VA 23059

Dear Ms. Hunter

Prince George Fire and EMS with regional partners wish to continue with the burn-building construction project. The original training site plan was to be located on Wells Station Rd. off US Route 460. Fort Lee Federal Military Base has also been working on a similar project. Fort Lee has identified a federal property site, which sits within the Prince George County boundaries. This site is located off River Rd, centrally between City of Hopewell, City of Colonial Heights, Fort Lee, and Prince George County. Federal resources have begun preparation of the training site to include installed egress to the property with water utilities.

Our specific question is whether Fire Programs would approve the use of the awarded monies through our burn building grant to construct a building on federally-owned property?

Regional Fire and EMS leaders conducted a concept meeting to consider possibility to include the grant funding awarded to Prince George County to the site improvements completed by Fort Lee. The regional agency leaders feel that this location is suitable to provide the level training needed to develop our agencies. The regional agencies are supportive of the plan and as a collective group promote interagency training. Regional training will identify interoperable challenges in the region, which will lead to more effective incident management.

In addition, our regional partners are exploring additional funding avenues to develop the training site into a regional training location for all agencies. In addition, discussions in MOU drafts between all agencies involved are in process.

Prince George Fire and EMS continues to work forward with construction of the burn-building project in the Crater Region. Prince George has faced challenges with current design firm to produce specifications and drawings for the project. The project A&E firm has failed to provide complete specifications and drawings to this point, and the planned concept and prototype construction has not received approval by The Structures Group.

A document dated October 2018 identified Conceptual Design Drawings constructed out of 40' and 20' long shipping containers included numerous required compliance notes not shown or denoted. To my knowledge, these compliance issues still have not been resolved. For this reason, Prince George, in cooperation with regional partners, will be looking back to traditional construction types.

We experienced a change in departmental leadership, which has caused reorganization of department and project responsibilities. When Prince George Fire and EMS, and the previous Director separated, a void opened in the burn-building project. The situation COVID created with a remote working environment certainly has not helped in the forward progress of the project. Prince George Fire and EMS remains dedicated to the success of this project that will ultimately provide quality services to the community. We ask for your consideration in this change in project scope and support moving forward.

Thank you for your consideration in this matter.

Kindest regards,

Paul W. Mauger, Interim Director

Prince George Fire & EMS

FY21 VFIRS Grant

Fire Departments Recommended for VFIRS Hardware Grant, FY2021

	FIPS	Locality	FDID	Fire Department	Amount
1	027	Buchanan County	02701	Grundy Fire Dept	700
2	318	Boydton	11701	Boydton Volunteer Fire Dept	700
3	336	Christiansburg	12103	Christiansburg Vol. Fire Dept.	700
4	394	Jonesville Town	10501	Jonesville Volunteer Fire Dept	700
5	570	Colonial Heights	57000	Colonial Heights Fire & EMS	700
6	345	Colonial Beach	19301	Colonial Beach Vol. Fire Dept	700

4,200.00

Locality Amounts Summary for VFIRS Hardware Grant, FY2021

	,	
		Amount
FIPS	Locality	Recommended
027	Buchanan County	\$700
318	Boydton Town	\$700
336	Christiansburg Town	\$700
394	Jonesville Town	\$700
570	Colonial Heights City	\$700
345	Colonial Beach Town	\$700

Total \$4,200



Rickman, Travis <travis.rickman@vdfp.virginia.gov>

Burn Building Policy - Items for Update/Review

Pittinger, Brook

brook.pittinger@vdfp.virginia.gov>

Wed, Sep 9, 2020 at 3:34 PM

The Agency and TSG have met with Hanover County to discuss their burn building project. In reviewing the policy, Hanover has identified two topic areas that could be reviewed/considered by the VFSB for a potential policy modification.

Hanover is building a Prototype 1, Class B building.

Item A) Tile specifications for burn rooms - Class B Buildings: The request before the board is to evaluate a policy change for the tile requirements for burn rooms utilizing class B props. It is requested that for Class B props a policy modification occur that reads as follows: "For Class B burn props with vendor tile/brick recommendations, a locality may choose to follow the vendor recommendations for their specific prop and waive tiling the entire room. For products/props that do not have a tile/brick recommendation, the locality shall tile/brick the entire room <insert current language here>."

Item B) Daily Burn Restrictions - Class B Buildings: The request before the board is to evaluate a policy change for the limit of daily burns - current at 10 per day. The request is to utilize the recommendation by the prop vendor for the number of maximum burns per day. In the event a prop does not have a maximum burn limit per day, the locality would default to the current policy requirement of 10, with the locality having the option to request a wavier based on need with supporting engineering documentation.

Please advise if the Board would like to move this forward as an agenda item on the Burn Building agenda for the upcoming October VFSB meeting.

Brook M. Pittinger, MPA & CPM Assistant Chief Virginia Department of Fire Programs 1005 Technology Park Drive Glen Allen, VA 23005

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LIVE FIRE TRAINING STRUCTURE GRANT PROGRAM

Grant Awards to Construct, Renovate or Repair Live Fire Training Structure throughout the Commonwealth

VIRGINIA DEPARTMENT OF FIRE PROGRAMS VIRGINIA FIRE SERVICES BOARD

1005 Technology Park Drive Glen Allen, Virginia 23059-4500 Tel: (804) 371-0220

Fax: (804) 371-3358

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A) PURPOSE

In accordance with §38.2-401-D of the *Code of Virginia*, the Live Fire Training Structure Grant Program (hereinafter referred to as "the Grant") was established to provide defined grants to Virginia localities seeking to construct, renovate (including additions), or repair permanent Live Fire Training Structure in accordance with the most current edition of NFPA 1402. The term Live Fire Training Structure refers to a structure specifically designed for conducting live fire training evolutions on a repetitive basis in accordance with the most current edition of NFPA 1001 and 1403.

The Grant is a matching/cost sharing program. The percentage of match/cost share is relative to the size of the capital project the locality intends to construct; however, the purpose of the Grant for permanent Live Fire Training Structure is to provide funding to localities for the construction, renovation, or repair of the Live Fire Training Structure only.

As approved by the Virginia Fire Services Board, the Grant may also provide exclusive funding to the Virginia Department of Fire Programs for the acquisition, renovation, repair, service, and management of the Mobile Live Fire Training Structure Props Program to provide training opportunities to multiple jurisdictions in support of Fire Fighter I and Fire Fighter II Training throughout the Commonwealth of Virginia per the most current edition of NFPA 1001 & 1403 training standards.

As approved by the Virginia Fire Services Board, the Grant may also provide funding to the Virginia Department of Fire Programs for the execution and delivery of an exclusive contract for engineering consulting services to the VFSB. The engineering firm is on contract to VDFP exclusively, and to prevent conflict of interest may not contract with local jurisdictions on the Grant projects for which funding is sought through the Grant. The engineering firm is on contract to and is tasked by VDFP. The principal point of contact to the engineering consulting firm shall be the Executive Director of VDFP, or his VDFP staff designee.

B) GENERAL OVERVIEW

Grant disbursements to eligible jurisdictions for permanent Live Fire Training Structure construction, renovations and/or additions, or repairs are administered by the *Virginia Department of Fire Programs*, VDFP, ("the Agency") from the Commonwealth's *Fire Programs Fund* as provided for in the *Code of Virginia* (\$38.2-401:D) and consistent with policy guidance provided by the *Virginia Fire Services Board*, *VFSB*, ("the Board") as set forth within this document. All grants to construct or renovate permanent Live Fire Training Structure shall be approved by the *Virginia Fire Services Board*. All grants to repair permanent Live Fire Training Structure shall be approved by the Department of Fire Programs as directed in this document.

C) CODE OF VIRGINIA CITATION

- 1) §38.2-401 and §9.1-203 of the *Code of Virginia* as amended "Fire Programs Fund," is incorporated herein by reference.
- 2) The Virginia Administrative Code:

19VAC15-40-20. Fire Related Training

<u>19VAC15-40-90</u>. Good cause Prohibition of Local Training Appeal

19VAC15-40-100. Fire Training Center

Page 2 of 13 February 2019

D) PRECEDENTS OF LAW & DISCLAIMER

Nothing contained within this document shall or be construed to supersede the applicable laws and regulations of the Commonwealth of Virginia. In the event of a conflict the applicable law shall supersede the conflicting provision of this policy statement.

E) TRAINING FACILITIES COMMITTEE

The Live Structure Committee will review and analyze the Live Fire Training Structure Grant Program and make recommendations to the full board.

The following positions have been appointed to the Committee and must include a minimum of the following:

- *Either a Board of Housing & Community Development or General Public member;
- *Either a VACO or VML member;
- *The Insurance Industry member;
- *Training Committee chair (as currently appointed); and
- *Chair of Committee (to be appointed by the Board Chair).

F) DEFINITION OF TERMS

Engineering/Architect (E/A) Fees – The Registered Design Professional in responsible charge of the E/A firm's work must be registered in the Commonwealth of Virginia. Grant awards for new construction projects may include up to $$30,000^{00}$ in additional monies for E/A fees and expenses for the current grant award amount. E/A fees will not be granted for renovations and/or repairs. These fees and expenses shall include adapting the approved model structure design to the selected site, featuring contract drawings and specifications, and providing limited construction services, including:

- Product Submittal and Shop drawing review,
- Up to six (6) site visits, and
- Responses to Requests for Information from Contractors.

Live Fire Training Structure – A structure specifically designed for conducting live fire training evolutions on a repetitive basis in accordance with the most current edition of NFPA 1001 and 1402 (NFPA 1402, 3.3.1).

Combination Buildings/Training Structures: As stated in NFPA 1402, at some training centers, because of a lack of available space or funds, individual structures for drill tower functions, live fire training, smoke training, or any combination thereof, might not be built.

In these instances, a combination training structures are utilized to conduct live fire training and any of the following;

- 1. Engineering design and construction must be reviewed and approved by the Agency's E/A Firm.
- 2. Consideration will be within the scope of new construction only.
- 3. No additional funds will be awarded outside of this policy's specifications.

Page 3 of 13 February 2019

Such scenario is generally accomplished by the supervised deliberate setting of a fire or establishment of a dense smoke environment within the structure to practice fire suppression and other allied fire attack skills.

As such, the structure shall not be used as an occupied dwelling.

<u>Live Fire Training Structure (Construction Project)</u> – A project to construct a new or replacement permanent Live Fire Training Structure. Construction funding is approved by the Virginia Fire Services Board in accordance with this Policy.

Live Fire Training Structure Renovation/Addition Project - A project to renovate an existing permanent Live Fire Training Structure; add an addition to an existing permanent Live Fire Training Structure (must not exceed the funding level of \$450,000 in accordance with the Grant policy); conduct repairs or renovations that involve structural components of a permanent Live Fire Training Structure; or conduct repairs that exceed the funding authorized for a Live Fire Training Structure Repair Project. Renovation funding is approved by the Virginia Fire Services Board in accordance with this Policy.

Live Fire Training Structure Repair Project – A project to conduct a repair to an existing permanent Live Fire Training Structure that does not exceed \$50,000. Projects allowed in this category include: Temperature monitoring equipment repairs; thermal lining tile repair and replacement; sacrificial block wall replacements (concrete masonry unit walls), fire brick; minor, non-structural, spalled concrete repair; door/window repairs; or similar repairs. Projects that involve repairs to structural components and/or projects that exceed \$50,000 are not eligible to be funded as a Repair Project. Cosmetic work such as painting and cleaning are not eligible to be funded as a Live Fire Training Structure repair project. Repair funding that meet the scope and intent of this policy are funded by the Virginia Department of Fire Programs in accordance with this policy. Prior to the approval of any repair funds, a copy of the inspection report must be submitted to substantiate the request. Funding will be based on the compliance with Live Fire Training Structure Inspection Schedule criteria listed in Section (S) of this document. Only localities classified as "Compliant" will automatically be considered. All other requests will be sent to the Board for approval.

Eligible Jurisdiction – Localities within the Commonwealth of Virginia otherwise eligible (§38.2-401 et al) to receive *Aid to Localities* from the *Fire Programs Fund*; nominally all **Counties, Independent Cities, and incorporated Towns** within those counties; herein also referred to simply as *Jurisdiction* or *Locality*.

Emergency Renovations – Emergency Renovations are defined as any repair greater than \$50,000 for Live Fire Training Structure in which the VDFP has taken the Live Fire Training Structure out of service for certified training due to VDFP determination that certified training can no longer adequately or safely be performed. In order to bring the Live Fire Training Structure back into service for VDFP-certified training, jurisdictions may submit emergency renovation applications at any time for consideration. Only emergency applications for Live Fire Training Structures taken out of service for certified training by the VDFP will be considered immediately. Prior to the approval of any repair funds or renovation, a copy of the inspection report must be submitted to substantiate the request. The Agency shall notify the VFSB upon the approval of an emergency renovation grant. This notification shall include the funding total and the nature of the funding/repair request. Funding will be based on the compliance with Live Fire Training Structure Inspection Schedule criteria listed in Section (S) of this document. Only localities classified as "Compliant" will automatically be considered. All other requests will be sent to the Board for approval.

Page 4 of 13 February 2019

Grant Completion – Grant completion is defined as local construction contract is at final completion with all project expenses processed for payment, all construction completion documents including AIA certifications submitted to Agency staff, and final walk-through inspection performed by Agency Division Staff including curing of any and all deficiencies identified.

Lead Locality – In the event that an award is to be made for a Live Fire Training Structure serving more than one eligible jurisdiction, then that consortium of eligible jurisdictions shall identify one of their own to serve as the agent for all; such agency shall include the intake and custody of grant funds, the filing of reports, and all administrative interface with the Agency. Therefore, the lead locality shall likewise both:

- Make application on behalf of all parties involved; and
- Enter into and be solely answerable for contractual arrangements.

G) DISBURSEMENT OF FUNDS

- 1. Disbursements from the VIRGINIA FIRE SERVICE GRANT PROGRAM for permanent Live Fire Training Structure are made as a grant to a specified jurisdiction or a lead locality one acting on behalf of multiple eligible jurisdictions. Consistent with other provisions of this document, payments are not made until the completion by/or through that locality of an instrument contractually binding the locality to adhere to the terms and conditions of the grant. The jurisdiction's Chief Operating Officer i.e, City Manager, County Administrator, or Town Chief Operating Officer shall, acting as the jurisdiction's exclusive agent, execute such an agreement/contract where periodic withdrawals are made at various intervals as specified in the contract. (Disbursements are never made to individual Fire Departments.)
- 2. The following pertains to the receipt of monies by eligible jurisdictions:
 - a) Payments of any grant will be provided solely through an electronic transfer of funds to a banking institution.
 - b) Transfer amounts
 - i. New Construction Payments will be made at five (5) benchmarks: The payment for Engineering/Architect (E/A) fees are at the completion of that work and with submission to VDFP of supporting documentation of eligible costs incurred. The first 25% of the grant award is payable upon submission to VDFP of a valid building permit, civil site plans, and Engineering/Architect drawings. The remaining 3 installments of 25% each shall be issued upon completion of 50%, 75%, and 100% of the work. The payments will be issued after receipt of a certificate of completion of each stage by the registered design professional (RDP) in responsible charge of the E/A firm's work. Final disbursement at 100% will be made after a final walk-through is made by VDFP staff during which time a live burn scenario has been successfully completed and witnessed by VDFP personnel. All Live Fire Training Structure project deficiencies will be communicated to the lead jurisdiction point of contact and must be resolved before final disbursement will be authorized.
 - Jurisdictions may elect to receive disbursements at 25%, 50%, 75%, and 100% of project completion. To remain eligible to receive total funds, jurisdictions must submit to the VDFP the American Institute of Architects (AIA) 702 and AIA 703 at 25%, 50%, 75%, and 100% project completion whether or not funding requests are made at these completion intervals.

Page 5 of 13 February 2019

- ii. Renovations Payments will be made in up to two (2) payments on a reimbursement basis at 50% and 100% completion not to exceed the total amount approved by the Board. Payment of more than an approved amount will not be made without consent of the Board. The payments will be issued after receipt of a certificate of completion of each stage by the registered design professional (RDP) in responsible charge of the E/A firm's work. Final disbursement at 100% will be made after a final walk-through is made by VDFP staff. All Live Fire Training Structure project deficiencies will be communicated to the lead jurisdiction point of contact and must be resolved before final disbursement will be authorized.
- iii. Repairs Payments for repair projects completed in accordance with the approved application package will be authorized by the Department of Fire Programs upon completion of the repair project, and made in one reimbursement payment at completion of the project, and upon submission to VDFP of supporting documentation of eligible costs.
- All funds **must** be deposited into an **interest-bearing account** of normal risk and with a demand restriction, if any, not exceeding 30-calendar days. (Monies may not be deposited into *Certificates of Deposit* or any other such instrument(s) which substantially hinder liquidity.)
- d) Any interest earned by funds so deposited may be utilized by the eligible jurisdiction in the construction or renovation of their Live Fire Training Structure. The eligible jurisdiction shall be fully accountable for **BOTH** the *Principal* and the *Interest*.
- 3. **Use of Funds** Grant funds may not be used for anything other than Live Fire Training Structure construction or renovation as specified in the contract between parties. Grant funds may only be used for the construction/erection, renovation, or repair of the Live Fire Training Structure, and direct-related costs to the construction/erection, renovation, or repair within 15 feet of the Live Fire Training Structure including E/A costs. (The 15 feet was established as a safety zone for firefighting evolutions.)

Grant funds will not be approved for any civil engineering site plan implementation or any other ancillary costs assumed as overhead or ordinary cost of managing a capital project. Examples of site plan implementation, or ordinary costs of managing a capital project include <u>but are not limited</u> to site clearing, grubbing, excavation with the exception of the foundation, back filling with the exception of the foundation, seeding, fencing, or any other form of site restoration, site surveys, site layouts, water testing, soil testing, water run-off analysis, air quality analysis, access roads, paving/graveling, easement or land lease costs, running lines or conduit for electrical supply or water source, bonding for contractors or jurisdictions, or any other overhead expense that is not directly related to the construction/erection, renovation, or repair of the Live Fire Training Structure.

Grant funds may not be used for routine maintenance or operations costs for new or existing Live Fire Training Structure.

<u>Building Signage</u>: Proper VDFP required signage is required to be placed on the exterior of all sides of the permanent Live Fire Training Structure that have points of entry (ingress or egress). Proper VDFP required signage includes the octagonal sign that recognizes the Board's financial

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investment in the structure, and the rectangular sign addressing usage criteria. Production and installation of the signs is an allowable cost to the grant program.

- 4. Grants shall be made upon availability of funds consistent with the then current "spending plan/Live Fire Training Structure schedule" as adopted from time-to-time by the Board.
- 5. Repairs shall be evaluated by the Agency in the order in which they are received, and if a request for funds meets the requirements then it shall be funded up to \$50,000 or the remainder of the funds in the account if less than \$50,000.

H) GRANT APPLICATION

Any eligible jurisdiction may submit an application for a new construction Live Fire Training Structure grant or a renovation to a Live Fire Training Structure by completing and filing the prescribed form.

Applications for new construction or renovation projects will be received for review bi-annually and must be postmarked by either January 1 or July 1.

Emergency renovation applications may be submitted at any time for consideration provided the application meets the "Emergency Renovations" qualification.

Emergency Renovations are defined as any repair greater than \$50,000 for Live Fire Training Structure in which the VDFP has taken the Live Fire Training Structure out of service for certified training due to VDFP determination that certified training can no longer adequately or safely be performed. In order to bring the Live Fire Training Structure back into service for VDFP-certified training, jurisdictions may submit emergency renovation applications at any time for consideration. Only emergency applications for Live Fire Training Structure taken out of service for certified training by the VDFP will be considered immediately. Prior to the approval of any repair funds, a copy of the inspection report must be submitted to substantiate the request. Funding will be based on the compliance with Live Fire Training Structure Inspection Schedule criteria listed in Section (S) of this document. Only localities classified as "Compliant" will automatically be considered. All other requests will be sent to the Board for approval.

Any renovations applications received that are not identified as "taken out of service by VDFP for certified training" will be held until the next application deadline cycle.

Repair Project application submissions, up to \$50,000 will be accepted by the Agency at any time throughout the year.

Grant applications should be sent directly to:

Budget and Grants Manager Virginia Department of Fire Programs 1005 Technology Park Drive Glen Allen, VA 23059-4500

The filing of an otherwise completed grant application by an eligible jurisdiction in no way binds the Agency to disburse any FIRE PROGRAMS FUND monies, including a Live Fire Training Structure Grant, to that locality.

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Construction/Renovation Applications: Application submissions will be reviewed by the Facility Training Committee prior to recommendation to the full Virginia Fire Services Board. Applicants will make presentations to the Facility Training Committee and be available for questions from the Committee Members.

The determination of eligibility and that of any potential amount or other conditions shall be consistent solely with guidance and practices contained within this or any successor document.

I) GRANT AWARD

- 1. <u>Construction and Renovation Projects</u> Grants for the Construction of new Live Fire Training Structure and for the renovation of existing Live Fire Training Structures are made by the Virginia Fire Services Board in accordance with this policy based upon the needs of the Commonwealth's Fire Service and the availability of funds.
- 2. Repair Projects Grants for the repair of existing permanent Live Fire Training Structure are reviewed by the Virginia Department of Fire Programs. Those proposed projects that meet the scope and intent of this policy may be awarded by the Department of Fire Programs based upon the guidelines in this policy and the availability of funding. Those proposed projects that the Department believes does not meet the scope or intent of this policy will be forwarded to the Virginia Fire Services Board for review and final action.
- 3. Grant recipients will be provided with one electronic set of construction drawings and the project manual for Live Fire Training Structure prototypes at no charge. A current edition of the VFSB Live Fire Training Structure Policy document is available online at www.vafire.com.
- 4. Grants recipients will be required to attend one (1) Orientation Meeting that must be held within thirty (30) days of award notification. The meeting will be held at one of VDFP's seven office locations.
 - a. The purpose of the Orientation Meeting will be to introduce VDFP staff to new grants recipients, provide an overview of the Live Fire Training Structure Grant Program, and offer an opportunity for grants recipients to ask questions about the grants process.
- 5. Grants recipients will be required to attend one (1) Pre-Building Permit Submission Meeting that must be held sixty (60) days prior to the submission of a valid building permit according to the terms of this Policy. The meeting will be held at one of VDFP's seven office locations.
 - a. It is understood that grants recipients <u>must</u> have an approved set of building plans prior to being issued a valid building permit, which is due to the Agency no later than twelve (12) months from the date of award notification.
 - b. Grants recipients are encouraged to contract with a qualified engineer that may provide advisement in the development of the grant recipient's project bid solicitation.
 - c. The purpose of this meeting is to provide an opportunity for grants recipients to discuss specific issues relative to their Live Fire Training Structure design that can be resolved prior to a bid solicitation being published, and to ensure that the building design plans meet the Prototype specifications as referenced in this Policy. Structure plans must be submitted to the Agency no less than one (1) week in advance of the meeting to permit adequate time for the Agency's engineer on contract to review the plans.
- 6. Grants recipients will be eligible to participate in one (1) one-hour teleconference call at any time during their grant project.

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- a. The Agency will engage in ongoing communications with grants recipients, addressing all project issues relating to the administration, financial management, and technical aspects. Any technical issues that require advisement or review by the Agency's engineer on contract will be coordinated directly through the Agency and will require grants recipients to provide their request for consideration in writing; responses to technical inquiries will be provided to grants recipients within a reasonable time frame.
- b. If the technical inquiry requires live discussion, the Agency will coordinate a one-hour teleconference between Agency staff, the Agency's engineer on contract, and the grant recipient. The grant recipient's primary point of contact must participate in the call, but is encouraged to have all parties knowledgeable about the project present during the teleconference. Agency staff will document the teleconference transcript for the grant recipient's file.

J) TERM OF GRANT

For new construction, the grant term shall not exceed twenty-four (24) months from the date of award notification without approval from the Agency and/or the Virginia Fire Services Board. The grant recipient shall have up to twelve (12) months from the date of award notification to provide to the Agency a valid building permit. The grant recipient shall have up to (an additional) twelve (12) months to complete the construction project.

Concurrent with the submission of the valid building permit, the grant recipient will also provide VDFP with two (2) original copies and one (1) CD Rom edition of the construction building drawings, including specifications.

For renovations or repairs, the grant term shall not exceed twelve (12) months from the date of award notification without approval from the Agency and/or the Virginia Fire Services Board.

During the grant term, all repair and construction work is to be completed and all documentation pertaining to such activities shall be submitted to the Agency in a timely manner.

Additionally, within 30-calendar days after the conclusion of the grant term, all unexpended funds – including any interest accrual remaining – shall be returned to the Agency.

- 1. **Return of Unexpended Funds by Check:** Funds being returned to the Agency via a check:
 - Must be made payable to the *Treasurer of Virginia*, and
 - Forwarded to the attention of the Agency at the address specified in [H] above. (Funds are NOT to be sent directly to the Treasurer's Office or any other State agency.)
- 2. **Direct Deposit:** Funds may also be returned to the Agency via electronic transfer as may be provided for within the contractual agreement among parties.

K) EXTENSIONS

An extension of up to 90-days or the next regularly scheduled Virginia Fire Services Board meeting may be granted by the Agency. All requests for extension must be received by the Agency not less than 30-calendar days prior to the scheduled termination of the original grant period. Such requests must list the compelling reason(s) for extension and/or circumstance(s) that prevent project completion by the end of the initial grant

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period. Extension requests for any period of time greater than 90-days will need to be addressed by the Virginia Fire Services Board for approval; such should always be directed to the Agency's Executive Director, at the same address as listed in [H] above; the Agency shall be responsible for the timely transmittal to Board members.

L) MAXIMUM AMOUNT

- 1. There shall be a cap on the maximum amount of funds to be awarded in any single grant for either totally new or the total replacement of an existing permanent Live Fire Training Structure; the current cap is \$450,000.00. An additional amount up to \$30,000.00 shall be available to offset E/A costs pertaining to site adaptation.
- 2. The maximum amount of funds to be awarded for any renovation project will be set by the Virginia Fire Services Board, but in no case will it exceed the cap that can be awarded for a new or replacement building.
- 3. The maximum amount of a repair project award shall not exceed \$50,000 per project and no Live Fire Training Structure will be funded over \$50,000 per fiscal period (July 1 June 30).
- 4. For renovation and repair project awards, if the permanent Live Fire Training Structure exceeds the base Prototype model, applications must include conceptual plans/design plans with the total square footage of the Live Fire Training Structure and the number of burn rooms per floor. The award will be based on square footage of the Live Fire Training Structure and number of burn rooms compared to the base Prototype model. (i.e. If the total existing Live Fire Training Structure square footage is 3,000 and the base prototype model square footage is 1,200, the award will be capped at 40% of the total estimated cost; or if the existing Live Fire Training Structure has more than 2 burn rooms, the award will be based on the minimum requirements of 2 burn rooms.)

M) REPORTING REQUIREMENTS

Localities shall provide progress reports to VDFP every ninety (90) days until their project is completed. The foregoing measured from the date of the transfer of funds to the eligible jurisdiction. Reports shall be made to the Budget and Grants Manager. (Information contained within such reports shall be made available by the Agency to the members of the Virginia Fire Services Board.)

N) INSURANCE

No person or entity shall commence construction or repair work, unless and until such person or entity has obtained all insurance required by the "Virginia Fire Services Grant Fund Agreement" from insurers licensed to provide such insurance in the Commonwealth of Virginia. These types of insurance must be maintained at all times when any construction or repair work is being performed. Before any such work commences, the locality shall submit to VDFP a Certificate of Coverage or Certificate of Insurance evidencing that the required insurance coverage is in effect for the appropriate entities, including coverage for subcontractors. The locality must be named as an additional insured party for certain types of insurance as specified in the "Virginia Fire Services Grant Fund Agreement".

O) PROCUREMENT

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It is the responsibility of the Localities to adhere to the Virginia Public Procurement Act (VPPA) when pursuing the solicitation process for New Construction, Renovation and Repair projects. The entire VPPA manual can be found on the Virginia Department of General Services web page.

P) AUTHORIZATION FOR RENOVATIONS

The Agency shall authorize repair work as identified by the jurisdiction within their application. The foregoing authorization shall be based upon verification by a licensed Engineer duly authorized to conduct business in Virginia as to scope of need. The cost of such survey may be part of any total grant. Localities making application for a grant for repairs to their permanent Live Fire Training Structure and choosing to obtain an Engineer's review in advance of submission may therefore include the eventual reimbursement for this cost as part of their total grant request.

Q) FULL CONSTRUCTION REQUIREMENTS

To be eligible for any grant award to construct a new or replacement permanent Live Fire Training Structure recipient shall agree to expend such funds to construct one of the Agency's identified prototypes from the specifications provided by the Agency or a design that meets the minimum criteria and construction requirements identified in the Live Fire Training Structure Policy for either:

- Prototype I for Class A fuels
- Prototype I for Class B fuels
- Prototype II for Class A Fuels
- Prototype II for Class B fuels
- Prototype III for Class B fuels (reserved to Mobile Live Fire Training Structure Props administered by VDFP)

...where Prototype I is defined as a permanent concrete structure, Prototype II is defined as a permanent pre-manufactured steel structure, and Prototype III is defined as a pre-engineered steel mobile fire training trailer burn prop.

-or-

- A stand-alone permanent Live Fire Training Structure or other structure whose Live Fire Training Structure part shall meet the basic requirements of the outline/performance specifications provided in Prototype I for Class A fuels, Prototype I for Class B fuels, Prototype II for Class A and Prototype II for Class B fuels. If building plans deviate from or have been modified/enhanced from the basic requirements of the above referenced Prototypes, the applicant must define the building concept and include proposed plans with their application. All modifications to proposed and approved building plans must be submitted to the Agency for review and approval in writing prior to commencement of construction.
- From the time such new construction or said repair is authorized to begin, the lead locality shall have one (1) year to begin and one additional year to complete the actual construction. Should they fail to meet this deadline (Section J) or request an extension (Section K), the award will expire and the application shall be resubmitted.

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R) REPAIRS/RENOVATIONS REQUIREMENTS

For awards made on or after January 1, 2009, any structural repairs or renovations must be certified by a Virginia licensed engineer or architect to certify that repairs or renovations were completed in compliance with the engineered plans for projects that are more than \$50,000 or by the recommendation of the Facility Training Committee, and must be provided to VDFP prior to final walk through of VDFP staff and final funds disbursement.

Prior to any award, localities/jurisdictions must be current with their annual inspection and must provide documentation with grant application.

S) PERMANENT LIVE FIRE TRAINING STRUCTURE INSPECTION REQUIREMENTS

Localities shall provide annual inspection for Class A Fuel and biennial inspection for Class B Fuel to be performed by a licensed professional engineer retained by the locality.

The Live Fire Training Structure Inspections Schedule is incorporated into and becomes part of this Policy by reference. See <u>Schedule of Burn Building Inspections</u> (also available at; http://www.vafire.com/content/uploads/2018/04/Schedule-of-Burn-Building-Prop-Inspections-2009-09-29.pdf)

Prior to the fiscal date of July 1, if a locality fails to comply with the adopted Live Fire Training Structure Inspection Schedule per building class and submit a copy of the inspection report to VDFP, the building will not be certified for approved VDFP certification training and a notice will be provided to the lead locality.

While the Virginia Fire Services Board (VFSB) recognizes NFPA standards, particularly as they relate to Live Fire Training Structure Inspections, the VFSB has adopted the aforementioned Inspections Schedule reflecting higher standards in order to protect the investment made in the structure by the Commonwealth of Virginia through the Live Fire Training Structure Grant Program.

Failure to comply with the established Live Fire Training Structure Inspection Schedule criteria will result in the reduction of repair or renovation funds available to the locality. All repair and renovation funding is based on the maximum allowable amount criteria listed in Section (L) in this document. Funding decisions will be based on available funding, inspection compliance and circumstances surrounding a specific request.

As a general practice request will be placed into one of three categories: Compliant, Semi-Compliant, Non-Compliant.

Compliant (may receive up to 100% of allowable funding) – required Structure Inspection Schedule has been followed for the past 5 years and the locality has maintained supporting documentation on file during this period.

Semi-Compliant (may receive between 25% - 75% of allowable funding) – required Structure Inspection Schedule has been followed for the past 2-4 years within the previous 5 year period and the locality has maintained supporting documentation on file during this period.

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Non-Compliant (may receive up to 25% of allowable funding) – required Structure Inspection Schedule has been followed for the past 0-1 years within the previous 5 year period and the locality has maintained supporting documentation on file during this period.

Note: The Board may deviate from this general practice based on extraordinary and/or uncontrollable circumstances.

Comprehensive Audit: Per the requirement of the Live Fire Training Structure Funding Policy, localities must participate in the fifth year audit conducted by the Agency's E/A Firm. The fifth year audit is provided to localities at no cost. This will satisfy the inspection for that year. However, at the discretion of the Board – lack of participation in the fifth year audit will result in automatic disqualification for funding until the next comprehensive audit cycle.

T) OWNERSHIP OF SITE

- 1. **NEW CONSTRUCTION:** It is required that the eligible jurisdiction or other governmental entity own the site (land) and not be subject to any restriction or limitation that would prohibit or impair the use of the property as a Live Fire Training Structure. On a case-by-case basis, the VFSB may consider a long-term lease. The length of the lease shall be consistent with the expected life of the building.
- 2. **RENOVATIONS:** It is strongly recommended that the eligible jurisdiction or other governmental entity own the site (land) and not be subject to any restriction or limitation that would prohibit or impair the use of the property as a Live Fire Training Structure. On a case-by-case basis, the VFSB may consider a long-term lease. The length of the lease shall be consistent with the expected life of the building.

U) AUDIT

It is the responsibility of the jurisdiction to maintain all necessary fiscal records. Such records are subject to audit by this Agency or its assignees, for a period of not less than five (5) years following the date of the last transfer of award moneys to the grant recipient.

CERTIFICATION:

We the undersigned as Chairman of the Virginia Fire Services Board and Executive Director of the Virginia Department of Fire Programs jointly adopt the foregoing policy as of August 2018. As such, this revised policy supersedes all prior adopted editions of this Policy.

Walt I Bal	Whoel T. Reithy
Walter Bailey	Michael Reilly
Chairman	Executive Director
Virginia Fire Services Board	Virginia Department of Fire Programs

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FY2021 Live Structural Budget

Carried forward Balance from FY20
FY21 Annual Appropriation
VFIRS FY20 Carryover
Total FY 21 Funding
7,500
3,658,636

	Total Project Awarded	Prior Year Payments	FY21 Estimated Payments	FY21 Actual Payments	Obligation Balance
Burn Building Construction Projects					
PRINCE GEORGE- New FY16	480,000		112,500		480,000
FLUVANNA, County FY18	480,000	112,500	112,500		367,500
SCOTT County, FY20	480,000	,	112,500		480,000
HANOVER County FY20	450,000		450,000		450,000
SUFFOLK County FY21	480,000		112,500	-	480,000
	2,370,000	112,500	900,000	0	2,257,500
Burn Building Renovation / Repair Projects					
ROCKBRIDGE County (renovation) FY19	445,204		445,204		445,204
Buckingham County (repair) FY20	12,000		12,000		12,000
Danville City (repair) FY20	45,381		45,381		45,381
Greenville County (repair) FY20	31,008		31,008		31,008
Henry County (repair) FY20	46,479		46,479		46,479
					0
	580,072	0	580,072	0	580,072
Regional Fire Services Training Facilities Projects					
	0	0	0		-
DFP BBldg Supt - A/E Contract					
DFP BBldg - Inspections A/E Contract	50,000	-	50,000		50,000
DFP BBldg - Consulting	50,000		50,000	17,524	32,476
DFP (DIRECT) BBldg - Mobile Burn Cells	0	-	0	-	-
· · · · · ·	100,000	0	100,000	17,524	82,476
NEW Construction Projects	2,370,000	112,500	900,000	0	2,257,500
RENOV / REPAIR Projects	580,072	0	580,072	0	580,072
RFSTG Projects	0	0	0	0	0
DFP <u>direct</u> BBldg Support	100,000	0	100,000	17,524	82,476
Total Multi-Year Awards	3,050,072	112,500	1,580,072	17,524	2,920,048

EstimateCash on hand 7-1-20 3,641,112

Unobligated 721,064

Summary of Open Project 10-1-20

Burn Building Construction Projects: 5 open

PRINCE GEORGE County awarded FY16 480,000

 Would like to change the location and scope to join with Fort Lee Building project. Agenda item for October meeting

FLUVANNA County awarded FY18 480,000

• Bids from procurement solicitation came in high (\$987,000 - \$994,000). Re-evaluating the building plans to resolicit the project. Will need an extension. Agenda item for October meeting.

SCOTT County awarded FY20 480,000

• Finalizing the building plans. TSG has review plans several times. Will need an extension. Agenda item for October meeting

HANOVER County awarded FY20 450,000

• Finalizing the building plans. Held meeting with TSG to review cursory issues. Will need an extension. Agenda item for October meeting

SUFFOLK County awarded FY21 480,000

Award issued July 1st.

Burn Building Renovation / Repair Projects

ROCKBRIDGE County (renovation) awarded FY19 \$445,204

• Building plans reviewed by TSG. Locality's A&E firm working on items identified in TSG's review.

Buckingham County (repair) FY20 awarded \$12,000

Danville City (repair) FY20 awarded \$45,381

Greenville County (repair) FY20 awarded \$31,008

Henry County (repair) FY20 awarded \$46,479

Augusta County (repair) FY21 awarded \$50,000

FY-2021 Fire Programs Fund Aid to Localities Payments

Pay Cycle	Date Pymt. Requested	No. of Localities	% of Localities	Amount	% of Funds
1	9/25/20	122	37.8%	\$13,674,434	42.3%
2			0.0%		0.0%
3			0.0%		0.0%
4			0.0%		0.0%
5			0.0%		0.0%
Funds Rele	ased	122	37.8%	\$13,674,434	42.3%
Total Funds	Not Released	201	62.2%	\$18,644,103	57.7%
AtL Total	_	323	100.0%	\$32,318,537	100.0%

9/16/2020 1