PUBLIC SAFETY COMMITTEE

REGENTED

DALLAS CITY COUNCIL COMMITTEE AGENDA

2017 FEB 23 AM 9: 52

CITY SECRETARY DALLAS, TEXAS

MONDAY, FEBRUARY 27, 2017 CITY HALL COUNCIL BRIEFING ROOM, 6ES 1500 MARILLA DALLAS, TEXAS 75201 11:00 A.M. – 12:30 P.M.

Chair, Council Member Adam Medrano
Vice Chair, Council Member B. Adam McGough
Council Member Sandy Greyson
Council Member Tiffinni A. Young
Council Member Jennifer S. Gates
Council Member Philip T. Kingston

Call to Order

- 1. Approval of Minutes from the February 13, 2017 Public Safety Committee Meeting
- 2. Statistical Data / Administrative (Fire) Reports

Deputy Chief Tameji Berry Dallas Fire-Rescue Department

- A. 9138 Gunnison Drive
- C. 9959 Adleta Boulevard #109
- E. 9780 Walnut Street #340
- G. 2110 Volga Avenue
- I. 3657 Kiest Boulevard
- K. 2252 Anson Road
- M. 9314 West Jefferson Boulevard

- B. 2650 Southland Street
- D. 10502 Black Walnut Drive
- F. 5318 Belmont Avenue
- H. 5318 Longview Street
- J. 2916 South Boulevard
- L. 5915 Highland Village Drive #147

- 3. Dallas Fire-Rescue
 Cancer Awareness & Prevention
 (For Information Only)
- 4. Dallas Fire-Rescue Peak Demand Ambulances (For Information Only)
- 5. Upcoming Agenda Item(s)

Lieutenant Brian Boyd Dallas Fire-Rescue Department

Acting Assistant Chief Jorge Gamez Dallas Fire-Rescue Department

March 22, 2017

A. Draft Agenda Item: Authorize a three-year service contract to develop and administer promotional examinations for Police and Fire-Rescue - Industrial/Organizational Solutions, Inc., most advantageous proposer of four

Adjourn

Adam Medrano, Chair Public Safety Committee

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

- 1. Contemplated or pending litigation, or matters where legal advice is requested of the City Attorney. Section 551.071 of the Texas Open Meetings Act.
- The purchase, exchange, lease or value of real property, if the deliberation in an open meeting would have a detrimental effect on the position of the City in negotiations with a third person. Section 551.072 of the Texas Open Meetings Act.
- A contract for a prospective gift or donation to the City, if the deliberation in an open meeting would have a detrimental effect on the position of the City in negotiations with a third person. Section 551.073 of the Texas Open Meetings Act.
- Personnel matters involving the appointment, employment, evaluation, reassignment, duties, discipline or dismissal of a public officer or employee or to hear a complaint against an officer or employee. Section 551.074 of the Texas Open Meetings Act.
- 5. The deployment, or specific occasions for implementation of security personnel or devices. Section 551.076 of the Texas Open Meetings Act.
- 6. Deliberations regarding economic development negotiations. Section 551.087 of the Texas Open Meetings Act.

NOTICE: Handgun Prohibition Notice for Meetings of Governmental Entities

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

"De acuerdo con la sección 30.06 del código penal (ingreso sin autorización de un titular de una licencia con una pistola oculta), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola oculta."

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

"De acuerdo con la sección 30.07 del código penal (ingreso sin autorización de un titular de una licencia con una pistola a la vista), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola a la vista."

Public Safety Committee Meeting Record

Meeting Date: Monday, February 13, 2017	Convened: 11:07 A.M. Adjourned: 12:27 P.M.		
Committee Members Present: Council Member Adam Medrano, Chair Council Member B. Adam McGough, Vice Chair Council Member Sandy Greyson Council Member Jennifer S. Gates	Committee Members Absent: Council Member Tiffinni A. Young Council Member Philip T. Kingston Other Council Members Present:		
Staff Present: Assistant City Manager Eric D. Campbell, CMO Interim Police Chief David Pughes, DPD Sheila Delgado, Assistant Director, DWU Cornell Perry, Assistant Director, CIS Deputy Chief Jesse Reyes, DPD William (Bill) Finch, CIO/Director, CIS David Cossum, Director, DEV	Deputy Chief Gilberto Garza, DPD Assistant Chief Paul Stokes, DPD Major Paulette Richardson, DPD Major William Griffith, DPD Chief Deputy Marshal Paul Hansen, CTS Don Knight, Sr. Assistant City Attorney, CAO Assistant Chief Christina Smith, DPD		
AGENDA:			
Call to Order			
1. Approval of Minutes from the January 23, 2017 Public S Presenter(s): Council Member Medrano, Chair Information Only:	afety Committee Meeting		
Action Taken/Committee Recommendation(s): A motion was made to approve the January 23, 2017 minute	es.		
Item passed unanimously: ⊠	Motion Seconded by: CM McGough, Vice Chair tem passed on a divided vote: tem failed on a divided vote:		

Public Safety Committee Meeting Record – February 13, 2017

2. <u>Dallas Police Department Crime Report</u>

	Information Only:			
	Action Taken/Committee Recommendation(s): This briefing provided the committee with an update on the year to date Crime Report for January 1 – February 8, 2017. CM Gates requested a memo that provides a summary/breakdown of the number of sworn officers leaving and requested to have this information included in the future crime reports. CM McGough requested a Gang Unit briefing and as it relates to the Nuisance Risk Abatement Activity he requested to see additional information as to why and how the cases were closed and also to be sure to update the open case numbers.			
	Motion made by: Item passed unanimously: Item failed unanimously:	Motion Seconded by: Item passed on a divided vote: Item failed on a divided vote:		
3.	Security Alarm Permitting and False Call Management Presenter(s): Sheila Delgado, Assistant Director, DWU Information Only:	<u>System</u>		
	Action Taken/Committee Recommendation(s): This briefing provided the committee with information on the Security Alarm Program and its upcoming contract agenda item set for the February 22, 2017 Council Agenda. A motion was made to move this item forward to ful Council without recommendation. CM Greyson voting in support.			
	Motion made by: CM Gates Item passed unanimously: Item failed unanimously:	Motion Seconded by: CM Medrano, Chair Item passed on a divided vote: ☐ Item failed on a divided vote: ☒		
1.	. DCA 156-004 Tobacco & Paraphernalia Shops Presenter(s): David Cossum, Director, DEV Information Only:			
	Action Taken/Committee Recommendation(s): This briefing provided the committee with an update on to use in Chapter 51A and update the definitions in Chapter proposal agenda items are set for the March 22, 2017 Cobriefed to full Council. A motion was made to move this items.	12B Convenience Store Regulations. These amendment ouncil Agenda. CM Medrano would like this item to be		
	Motion made by: CM Gates Item passed unanimously: ☐ Item failed unanimously: ☐	Motion Seconded by: CM McGough, Vice Chair Item passed on a divided vote: Item failed on a divided vote:		

Public Safety Committee Meeting Record – February 13, 2017

5.	Exchange Zones Presenter(s): Major Paulette Richardson, DPD Information Only:	
	Action Taken/Committee Recommendation(s): This briefing provided the committee with information reg forward with implementation to designate safe exchange Committee, with full support, would like staff to move forward this to be brought back to the PSC with an update.	zone areas in the visitor parking of police stations. The
	Motion made by: Item passed unanimously: Item failed unanimously:	Motion Seconded by: Item passed on a divided vote: Item failed on a divided vote:
6.	Administrative Report – 2016 Dallas Police Department Presenter(s): Major William Griffith, DPD Information Only: ⊠	t Annual Traffic Contact Data Report
	Action Taken/Committee Recommendation(s): Staff provided the Committee with an informational memo	of the Annual Traffic Contact Data Report from DPD.
	Motion made by: Item passed unanimously: Item failed unanimously:	Motion Seconded by: Item passed on a divided vote: Item failed on a divided vote:
7.	Administrative Report – 2016 Marshal's Office Annual Presenter(s): Chief Deputy Marshal Paul Hansen, CTS Information Only:	Traffic Contact Data Report
	Action Taken/Committee Recommendation(s): Staff provided the Committee with an informational men Marshal's Office.	no of the Annual Traffic Contact Data Report from the
	Motion made by: Item passed unanimously: Item failed unanimously:	Motion Seconded by: Item passed on a divided vote: Item failed on a divided vote:
8.	Administrative (Police) Reports Presenter(s): Major William Griffith, DPD Information Only:	
	Action Taken/Committee Recommendation(s): Staff provided the Committee with an informational memo	on cases: Control #2017-014 and Control #2015-180-2.
	Motion made by: Item passed unanimously: Item failed unanimously:	Motion Seconded by: Item passed on a divided vote: Item failed on a divided vote:

9. <u>Upcoming Agenda Item(s)</u> Presenter(s): Council Member Medrano, Chair Information Only:	-
Action Taken/Committee Recommendation(s A motion was made to move forward to full count	•
Motion made by: CM McGough, Vice Chair Item passed unanimously: ⊠ Item failed unanimously: □	Motion Seconded by: CM Greyson Item passed on a divided vote: Item failed on a divided vote:
APPROVED BY:	ATTEST:
Adam Medrano, Chair Public Safety Committee	Crystal Lee, Coordinator Public Safety Committee

Memorandum



DATE February 24, 2017

Honorable Members of the Public Safety Committee:
 Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young,
 Jennifer S. Gates, Philip T. Kingston

SUBJECT Statistical Data / Administrative (Fire) Reports

This is an informational memo to provide you with a brief description of statistical data and fire reports for December 14, 2016 – January 23, 2017.

Statistical Data for this period:

Dallas Fire-Rescue Calls	<u>Totals</u>	Percentage
Total Incidents	27,205	100%
Fire	5.509	20%
EMS	21,643	79%
Specialize Incidents	53	01%

Significant fires that occurred during this period:

<u>Date</u>	Multiple Alarm <u>Level</u>	Number of <u>Units</u>	Personnel	Hours on Scene	Incident Work Hours
1/1/17	2-Alarm	32	90	4	360
1/1/17	2-Alarm	25	73	4	292
1/5/17	2-Alarm	28	77	4	308
1/12/17	2-Alarm	33	98	4	392

There were 7 (seven) injuries and 2 (two) fatalities that occurred as a result of fire incidents.

The total value of property that received fire damage during this period was \$670,960.00. The total value of property saved from fire damage during this period was \$19,585,160.00.

Please contact me if you have any questions or need additional information.

Eric D. Campbell Assistant City Manager

[Attachment]

cc: Honorable Mayor and Members of the City Council
T.C. Broadnax, City Manager
Larry Casto, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Kimberly Bizor Tolbert, Chief of Staff to the City Manager

Quit Campbell

Mark McDaniel, Acting First Assistant City Manager Jill A. Jordan, P.E., Assistant City Manager Joey Zapata, Assistant City Manager M. Elizabeth Reich, Chief Financial Officer Sana Syed, Public Information Officer Elsa Cantu, Assistant to the City Manager – Mayor & Council Directors and Assistant Directors

Public Safety Committee Administrative Fire Reports Summary February 2017

DATE		ADDRESS	COUNCIL DISTRICT	TYPE	CAUSE	LOSS	ALARM
A.	12/14/16	9138 Gunnison Drive	District 10 (McGough)	1-Story Frame Dwelling	Undetermined	\$130,000.00	1 Alarm
B.	12/19/16	2650 Southland Street	District 7 (Young)	1-Story Frame Dwelling	Undetermined	\$10,000.00	1 Alarm
C.	12/19/16	9959 Adleta Boulevard #109	District 10 (McGough)	3-Story Frame Apartments	Accidental	\$8,800.00	1 Alarm
D.	12/24/16	10502 Black Walnut Drive	District 10 (McGough)	1-Story Brick Dwelling	Undetermined	\$0.00	1 Alarm
E.	12/28/16	9780 Walnut Street #340	District 10 (McGough)	1-Story- Stucco Commercial	Undetermined	\$6,000.00	1 Alarm
F.	12/29/16	5318 Belmont Avenue	District 2 (Medrano)	1-Story Frame Dwelling	Undetermined	\$50,000.00	1 Alarm
G.	12/31/16	2110 Volga Avenue	District 4 (Arnold)	1-Story Frame Dwelling	Undetermined	\$8,500.00	1 Alarm
Н.	01/01/17	5318 Longview Street	District 14 (Kingston)	2-Story Frame Duplex	Accidental	\$16,500.00	2 Alarm
l.	01/01/17	3657 Kiest Boulevard	District 4 (Arnold)	1-Story Concrete Warehouse	Undetermined	\$181,000.00	2 Alarm
J.	01/05/17	2916 South Boulevard	District 7 (Young)	2-Story Frame Dwelling	Undetermined	\$15,160.00	2 Alarm
K.	01/07/17	2252 Anson Road	District 2 (Medrano)	Non-Structure	Accidental	\$0.00	1 Alarm
L.	01/11/17	5915 Highland Village Drive #147	District 8 (Wilson)	2-Story Frame Apartments	Accidental	\$45,000.00	1 Alarm
M.	01/12/17	9314 West Jefferson Boulevard	District 3 (Thomas)	1-Story Masonry Industrial	Accidental	\$200,000.00	2 Alarm

One Alarm Fire (A)

Date of Fire:	December 14, 2016	Time of Fire	12:49 PM
Response Time	2 Minutes 54 Seconds		
Location	9138 Gunnison Drive	Service Area	Northeast
Bldg. Type	1-Story Frame Dwelling	Council District	10 (McGough)
Business Name	N/A		
Fire Alarm System	Yes	Operational	Unknown
Cause	Undetermined		
Value/ Damage Estimate	Walue Building: \$282,780.00 Content: \$60,000.00 TOTAL \$342,780.00	<u>Damage</u> \$100,000.00 \$30,000.00 \$130,000.00	
Narrative	This is an undetermined fire that is still the garage of the structure and spread the of the structure causing major damage.	rough a scuttle hole to the	attic and interior

One Alarm Fire (B)

Date of Fire:	December 19, 2016	Time of Fire	12:46 AM
Response Time	00 Minutes 59 Seconds		
Location	2650 Southland Street	Service Area	Southeast
Bldg. Type	1-Story Frame Dwelling	Council District	7 (Young)
Business Name	N/A		
Fire Alarm System	No	Operational	Unknown
Cause	Undetermined		
Value/ Damage Estimate	Walue Building: \$31,010.00 Content: \$0.00 TOTAL \$31,010.00	<u>Damage</u> \$10,000.00 \$0.00 \$10,000.00	
Narrative	This is an undetermined fire that is still to vacant structure, all windows and doors front room of the structure and traveled causing a moderate amount of fire date company.	were boarded. The fire out of the front and side b	originated in the oarded windows

One Alarm Fire (C)

Date of Fire:	December 19, 2016	Time of Fire	4:18 PM
Response Time	4 Minutes 10 Seconds		
Location	9959 Adleta Boulevard #109	Service Area	Northeast
Bldg. Type	3-Story Frame Apartments	Council District	10 (McGough)
Business Name	Beacon Hill Apartments		
Fire Alarm System	Yes	Operational	Yes
Cause	Accidental		
Value/ Damage Estimate	Walue Building: \$11,076,540.00 Content: \$800.00 TOTAL \$11,077,340.00	<u>Damage</u> \$8,000.00 \$800.00 \$8,800.00	
Narrative	This is an accidental fire that resulted f Upon arrival, firefighters found fire comin spread to the bedding traveled up the cuwall into the attic space. The fire was comoderate fire damage. Truck 57 was the	ng out from the eaves of u urtains, vented out the wir ontained to the room of o	nit #109. The fire ndow, and up the

One Alarm Fire (D)

Date of Fire:	December 24, 2016	Time of Fire	11:52 AM
Response Time	3 Minutes 42 Seconds		
Location	10502 Black Walnut Drive	Service Area	Northeast
Bldg. Type	1-Story Brick Dwelling	Council District	10 (McGough)
Business Name	N/A		
Fire Alarm System	Yes	Operational	No
Cause	Undetermined		
Value/ Damage Estimate	Walue Building: \$102,480.00 Content: \$60,000.00 TOTAL \$162,480.00	Damage \$0.00 \$0.00 \$0.00	
Narrative	This is an undetermined fire incident. Damages were indicative of an explosio the first arriving company.		

One Alarm Fire (E)

Date of Fire:	December 28, 2016	Time of Fire	2:02 AM
Response Time	2 Minutes 15 Seconds		
Location	9780 Walnut Street #340	Service Area	Northeast
Bldg. Type	1-Stucco-Commercial	Council District	10 (McGough)
Business Name	Bistro B		
Fire Alarm System	Unknown	Operational	Unknown
Cause	Undetermined		
Value/ Damage Estimate	Value Damage Building: \$295,770.00 \$5,000.00 Content: \$1,000.00 \$1,000.00 TOTAL \$296,770.00 \$6,000.00		
Narrative	This is an undetermined fire. The fire flames consumed the patio furniture damage to the building. The ignition so material. Engine 29 was the first arriving	and traveled up the wa ource was a careless dis	Il causing minor

One Alarm Fire (F)

Date of Fire:	December 29, 2016	Time of Fire	8:47 PM
Response Time	2 Minutes 01 Seconds		
Location	5318 Belmont Avenue	Service Area	Central
Bldg. Type	1-Story Frame Dwelling	Council District	2 (Medrano)
Business Name	N/A		
Fire Alarm System	No	No Operational	
Cause	Undetermined		
Value/ Damage Estimate	Walue Building: \$220,000.00 Content: \$50,000.00 TOTAL \$270,000.00	<u>Damage</u> \$40,000.00 \$10,000.00 \$50,000.00	
Narrative	This is an undetermined fire that is still ur found heavy smoke and fire coming originated in a bedroom where there wa of combustibles. The fire spread thro amount of damage to the structure. Eng	from the rear of the du is a heavy fire load due to ughout the room and ca	welling. The fire of a large amount aused moderate

One Alarm Fire (G)

Date of Fire:	December 31, 2016	Time of Fire	9:03 AM
Response Time	2 Minutes 36 Seconds		
Location	2110 Volga Avenue	Service Area	South Central
Bldg. Type	1-Story Frame Dwelling	Council District	4 (Arnold)
Business Name	N/A		
Fire Alarm System	Yes	Operational	Yes
Cause	Undetermined		
Value/ Damage Estimate	Walue Building: \$65,800.00 Content: \$15,000.00 TOTAL \$80,800.00	<u>Damage</u> \$6,000.00 \$2,500.00 \$8,500.00	
Narrative	This is an undetermined fire that origina the structure. The fire spread from the moderate structure damage. Engine 25	ne bedroom into the atti	c space causing

Two Alarm Fire (H)

Date of Fire:	January 1, 2017	Time of Fire	12:44 AM
Response Time	00 Minutes 07 Seconds		
Location	5318 Longview Street	Service Area	Central
Bldg. Type	2-Story Frame Duplex	Council District	14 (Kingston)
Business Name	N/A		
Fire Alarm System	Yes	Operational	Yes
Cause	Accidental		
Value/ Damage Estimate	Walue Building: \$604,780.00 Content: \$65,000.00 TOTAL \$669,780.00	<u>Damage</u> \$15,000.00 \$1,500.00 \$16,500.00	
Narrative	This is an accidental fire that resulted from fire originated within the walls of the commoderate structure damage. Engine 8 w	chimney and spread to t	the attic causing

Two Alarm Fire (I)

Date of Fire:	January 1, 2017	Time of Fire	12:46 AM
Response Time	02 Minutes 17 Seconds		
Location	3657 Kiest Boulevard	Service Area	South Central
Bldg. Type	1-Story Concrete Warehouse	Council District	4 (Arnold)
Business Name	Unknown		
Fire Alarm System	No	Operational	N/A
Cause	Undetermined		
Value/ Damage Estimate	Building: \$181,000.00 Content: \$0.00 TOTAL \$181,000.00	<u>Damage</u> \$181,000.00 \$0.00 \$181,000.00	
Narrative	This is an undetermined fire. The fire sp building. The building began to collapse 23 was the first arriving company.		

Two Alarm Fire (J)

Date of Fire:	January 5, 2017	Time of Fire	9:42 PM
Response Time	01 Minute 32 Seconds		
Location	2916 South Boulevard	Service Area	Southeast
Bldg. Type	2-Story Frame Dwelling	Council District	7 (Young)
Business Name	N/A		
Fire Alarm System	Unknown	Operational	Unknown
Cause	Undetermined		
Value/ Damage Estimate	Walue Building: \$15,160.00 Content: \$0.00 TOTAL \$15,160.00	<u>Damage</u> \$15,160.00 \$0.00 \$15,160.00	
Narrative	This is an undetermined fire that is still ur found the rear of the structure fully involved collapsed due to the amount of fire date Engine 6 was the first arriving company.	olved. The second floor mage. This fire resulted	of the structure

One Alarm Fire (K)

Date of Fire:	January 7, 2017	Time of Fire	3:47 PM
Response Time	4 Minutes 21 Seconds		
Location	2252 Anson Road	Service Area	Northwest
Bldg. Type	Non-Structure	Council District	2 (Medrano)
Business Name	N/A		
Fire Alarm System	Unknown	Operational	Unknown
Cause	Accidental		
Value/ Damage Estimate	Walue Building: \$35,000.00 Content: \$0.00 TOTAL \$35,000.00	<u>Damage</u> \$0.00 \$0.00 \$0.00	
Narrative	This is an accidental fire incident that resulted from an explosion of a combustible due to the nearby heat source of a cooking stove. There was no fire damage to the structure. Engine 42 was the first arriving company.		

One Alarm Fire (L)

Date of Fire:	January 11, 2017	Time of Fire	12:00 PM
Response Time	1 Minutes 10 Seconds		
Location	5915 Highland Village Drive #147	Service Area	South Central
Bldg. Type	2-Story Frame Apartments	Council District	8 (Wilson)
Business Name	N/A		
Fire Alarm System	Yes	Operational	Yes
Cause	Accidental		
Value/ Damage Estimate	Walue Building: \$2,845,800.00 Content: \$15,000.00 TOTAL \$2,860,800.00	<u>Damage</u> \$30,000.00 \$15,000.00 \$45,000.00	
Narrative	Total \$2,860,800.00 \$45,000.00 This is an accidental fire that resulted from a carless discarded cigarette. The fire originated within a sofa and spread throughout the living room, dining room, kitchen, and hallway causing major damage. This fire was contained to one unit. Engine 54 was the first arriving company.		

Two Alarm Fire (M)

Date of Fire:	January 12, 2017		Time of Fire	6:36 PM
Response Time	7 Minutes 39 Seconds			
Location	9314 West Jefferso	n Boulevard	Service Area	Southwest
Bldg. Type	2-Story Masonry Ind	dustrial	Council District	3 (Thomas)
Business Name	Naval Air Station			
Fire Alarm System	Yes		Operational	Unknown
Cause	Accidental			
Value/ Damage Estimate	Content: \$	<u>Value</u> 500,000.00 200,000.00 700,000.00	<u>Damage</u> \$100,000.00 \$100,000.00 \$200,000.00	
Narrative	conduit from the tra witnessed smoke a The fire spread from	ansformer running in nd fire coming from	om an unspecified short- to the structure. Upon ar the electrical system of the ower stations causing he rriving company.	rival, firefighters ne power house.

Memorandum



DATE February 24, 2017

Honorable Members of the Public Safety Committee:

Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young, Jennifer S. Gates, Philip T. Kingston

SUBJECT Dallas Fire-Rescue Cancer Awareness & Prevention

On Monday, February 27, 2017, you will be briefed on Cancer Awareness & Prevention by Lieutenant Brian Boyd, Dallas Fire-Rescue Department. The briefing materials are attached for your review.

Please contact me if you have any questions or need additional information.

Eric D. Campbell

Assistant City Manager

Em Planghell.

[Attachment]

cc: Honorable Mayor and Members of the City Council
T.C. Broadnax, City Manager
Larry Casto, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
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Mark McDaniel, Acting First Assistant City Manager Jill A. Jordan, P.E., Assistant City Manager Joey Zapata, Assistant City Manager M. Elizabeth Reich, Chief Financial Officer Sana Syed, Public Information Officer Elsa Cantu, Assistant to the City Manager – Mayor & Council Directors and Assistant Directors

Dallas Fire-Rescue Cancer Awareness & Prevention

Public Safety Committee February 27, 2017

Brian Boyd, Lieutenant
Dallas Fire-Rescue Department
City of Dallas



Objectives

- Define the scope of the cancer problem in the fire service
- Discuss the increase in toxic agents in today's fire environment
- Identify routes of exposure to cancer-causing agents
- List common firefighter exposures to carcinogens
- Review Workers Comp and Cancer Presumptive Laws
- DFR Preventative Measures





Presentation Overview

- Cancer is a very real part of the fire service especially given the chemical make up of combustibles today. The types of materials burning in fires have changed drastically over the last several years.
- The organic slow burning fires of the "good old days" are gone.
 What firefighters face today is a volatile mix of deadly chemicals known to produce cancer causing carcinogens when burned.



Scope of Cancer in the Fire Service

- Studies are finding higher incidents of cancer in firefighters compared to the general population.
- Cancer is one of the most dangerous threats to the health and safety of firefighters.
- Pinpointing the exact cause of cancer is difficult because firefighters are not exposed to just one agent.





Scope of Cancer in the Fire Service

- Firefighters are susceptible to more than one type of cancer.
- Carcinogen exposure occurs through inhalation as well as skin absorption.
- Some cancer studies are also noting far more aggressive cancers, such as brain cancer, at a younger age than the general population.



Cancer in the Fire Service

Studies have demonstrated higher rates of multiple types of cancers in firefighters compared to the general American population including:

TYPE OF CANCER	RISK *
TESTICULAR CANCER	2.02 TIMES GREATER RISK
MULTIPLE MYELOMA	1.53 TIMES GREATER RISK
NON-HODGKIN'S LYMPHOMA	1.51 TIMES GREATER RISK
SKIN CANCER	1.39 TIMES GREATER RISK
BRAIN CANCER	1.31 TIMES GREATER RISK
MALIGNANT MELANOMA	1.31 TIMES GREATER RISK
PROSTATE CANCER	1.28 TIMES GREATER RISK
COLON CANCER	1.21 TIMES GREATER RISK
LUKEMIA	1.14 TIMES GREATER RISK
BREAST CANCER	PRELIMINARY STUDIES



^{*}Cancer Risk Among Firefighters: A Review and Meta-Analysis of 32 Studies; Grace K. LeMasters

Toxicity of Today's Homes





- Modern residential fires have more in common with hazmat incidents than with legacy house fires.
- Approximately 84,000
 chemicals are being used commercially today in building construction and contents.
- Vehicle and Dumpster fires also can contain many of the same chemicals as residential structure fires.



Routes of Exposure

- Two routes of greatest exposure: lungs and dermal absorption
- Skin easily absorbs chemicals
- Permeability increases with temperature





Common Exposure to Carcinogens

- During the overhaul process
- Soot particles
- Diesel engine exhaust



Ω



Exposure During Overhaul

- Today's synthetic and plastic household items present a risk to firefighters even after the fire is out.
- Smoldering materials release chemicals that firefighters continue to breathe and absorb.



Soot Particles

- The first reported form of occupational cancer was attributed to exposure to soot.
- Prolonged exposure to soot on the skin is a hazard.
- The neck area is one of the most likely areas to become contaminated.
- If not removed, contaminated exterior surfaces and inner layers of PPE can result in exposure well after the fire.





Exposures during Overhaul

Chemicals found during the overhaul phase:

- Formaldehyde
- Asbestos
- Benzene
- Arsenic
- Ethyl Benzene
- Polynuclear Aromatic Hydrocarbons

- Polycyclic Aromatic Hydrocarbons
- Acetaldehyde
- Styrene
- Coal-Tar Pitch
- Diesel Exhaust
- Vinyl Chloride
- Hydrogen Cyanide





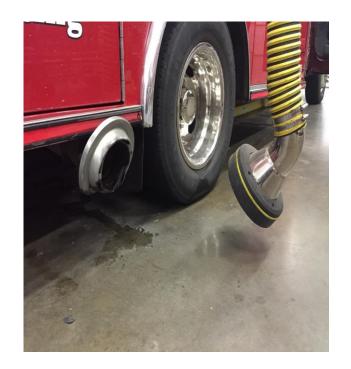
Diesel Engine Exhaust

- On June 12, 2012, the International Agency for Research on Cancer (IARC) classified diesel engine exhaust as a Group 1 carcinogen.
- Exposure is associated with an increased risk of lung cancer.
- Exhaust can also cause other types of cancer:
 - Bladder
 - Leukemia
 - Other cancers of the blood (non-Hodgkin's lymphoma and multiple myeloma).



Diesel Engine Exhaust

- Walls and furniture at the fire station reveal an incredible amount of exhaust particles.
- Diesel particles are inhaled and absorbed every shift.
- PPE stored in the apparatus bay is exposed to exhaust if not contained in an enclosed locker.





Cancer Presumption Laws

- Presumptive illness law for the state of Texas Government code, title
 6, subtitle a, chapter 607
- Section 607.055 applies to the types of cancer that may be caused by exposure to heat, smoke, radiation or a known or suspected carcinogen as determined by the International Agency for Research on Cancer (IARC).
- Section 607.052 describes the applicability of this code:
 - 1. Member must be a full time professional firefighter for more than 5 years.
 - 2. Regularly respond to calls involving fires or firefighting.
 - 3. Responded to an incident with documented release of radiation or suspected carcinogen.



Cancer Presumption Laws

- Expanded access to workers' compensation or other disabilityrelated benefits.
- Statutorily creates a presumption that the firefighter contracted cancer while performing his or her firefighting duties.
- The firefighter is presumed to be eligible for benefits unless the employer proves that the members cancer was not caused by his or her firefighting duties.
- Without the presumption, a firefighter must first prove that his or her cancer was caused by their firefighting duties before receiving benefits.





Cancer Presumption Laws

- The firefighter diagnosed with an occupational disease or condition covered by a presumptive disability law would be entitled to:
 - Payment of medical bills
 - Disability retirement benefits
 - Workers comp benefits
 - Lost wages or benefits for spouse/family as the situation allows.



Workers Compensation

- The City's third party administrator (adjusting company) makes the determination as to whether the illness will be covered.
- If a claim is denied, firefighters can appeal the denial through the State Workers Compensation system.
- During the appeals process members must use their accrued leave for any time missed from work and use their health insurance for any medical care for the injury/illness.





Prevention

- Cancer awareness and prevention is currently integrated into training
- Regular cleaning of firefighting Personal Protective Clothing is conducted.
- All fire stations are equipped with Plymovent diesel exhaust removal systems
- Firefighters have been issued a second hood



PreventionWellness Fitness Initiative

- Goals of the program are to identify possible life threatening illnesses/diseases, reduce injuries and promote overall better health.
- The leading cause of death in firefighters is cardiovascular events followed by cancer.
- Early detection is the key to remission or a cure.



Prevention Wellness Fitness Initiative

- Members are placed into one of three categories upon completion of the physical: Fit for duty, Conditional Duty or Limited Duty.
- Since 2008, the program has placed 409 members on conditional or limited duty.
- Since implementation, members rated fit for duty increased from 84% to 97%.
- Members rated conditional or limited duty has decreased from 16% to a low of 3.5%.



Dallas Fire-Rescue Cancer Awareness & Prevention

Public Safety Committee February 27, 2017

Brian Boyd, Lieutenant
Dallas Fire-Rescue Department
City of Dallas



Memorandum



DATE February 24, 2017

Honorable Members of the Public Safety Committee:
Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young,
Jennifer S. Gates, Philip T. Kingston

SUBJECT Dallas Fire-Rescue Peak Demand Ambulances

On Monday, February 27, 2017, you will be briefed on Peak Demand Ambulances by Acting Assistant Chief Jorge Gamez, Dallas Fire-Rescue Department. The briefing materials are attached for your review.

Please contact me if you have any questions or need additional information.

Eric D. Campbell

Assistant City Manager

[Attachment]

cc: Honorable Mayor and Members of the City Council
T.C. Broadnax, City Manager
Larry Casto, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Kimberly Bizor Tolbert, Chief of Staff to the City Manager

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Mark McDaniel, Acting First Assistant City Manager Jill A. Jordan, P.E., Assistant City Manager Joey Zapata, Assistant City Manager M. Elizabeth Reich, Chief Financial Officer Sana Syed, Public Information Officer Elsa Cantu, Assistant to the City Manager – Mayor & Council Directors and Assistant Directors

Dallas Fire-Rescue Peak Demand Ambulances

Public Safety Committee February 27, 2017

George Gamez, Acting Assistant Chief Dallas Fire-Rescue Department City of Dallas

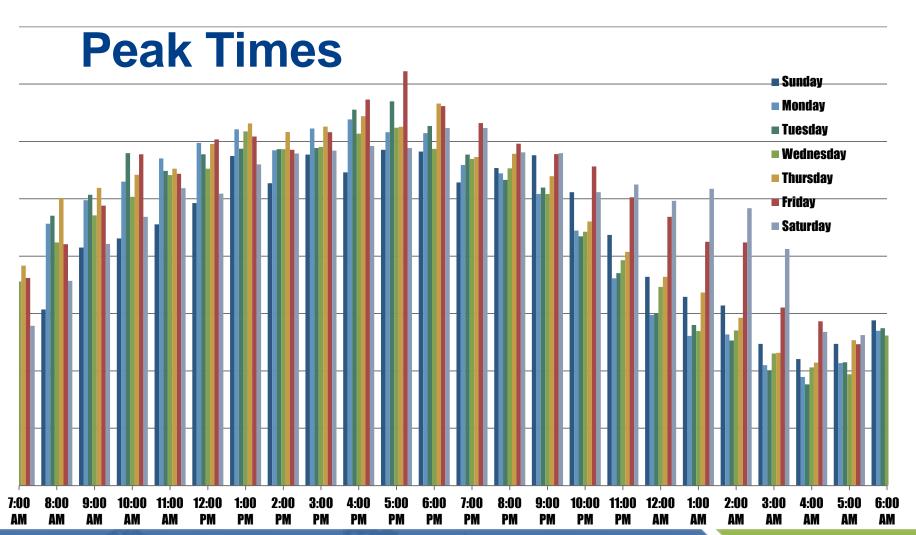


Objectives

- Define peak demand ambulances
- FY16 Data Unit Hour
- Unit Hour Utilization (UHU)
- Deployment models
- Challenges facing the Fire Department
- Staffing costs
- Advantage/Disadvantages of Peak Demands

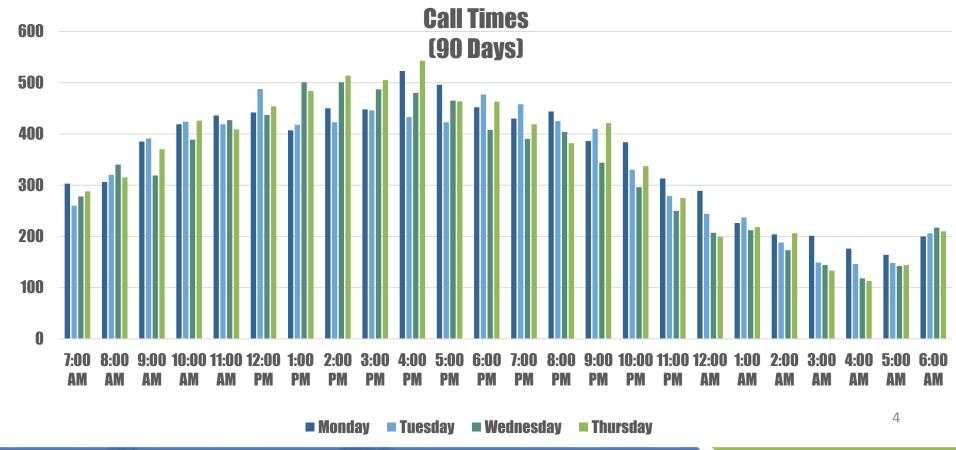






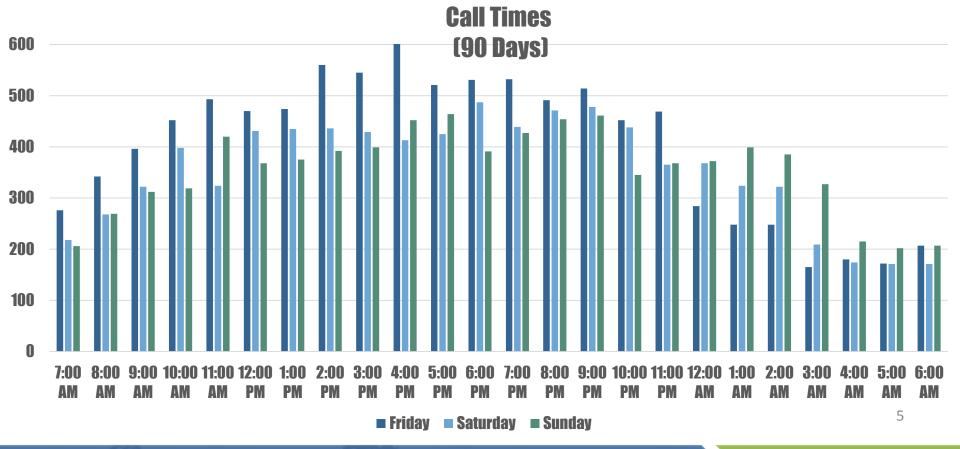


Weekday Peak Times



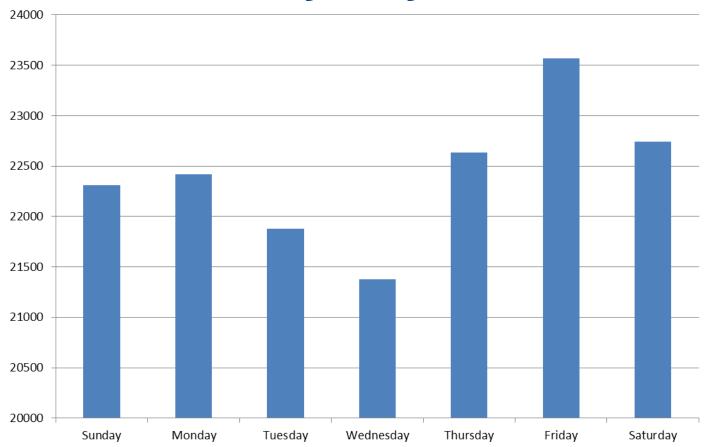


Weekend Peak Times





Call Volumes by Days of the Week





6

Yearly Run Stats

FY14

- Run Volume 195,969
- Avg. UHU 53%

FY15

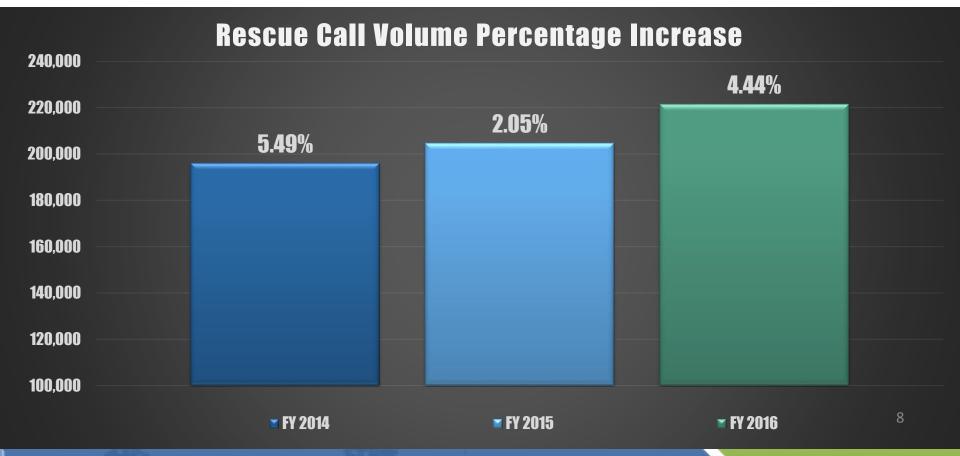
- Run Volume 204,664
- Avg. UHU 52%

FY16

- Run Volume 220,590
- Avg. UHU 59%



Challenges





Unit Hour Utilization

Unit Hour – equal to one hour of service a Ambulance is available for assignment

Utilization – measure of productivity; compares available resource with actual time utilized for patient treatment and transport

General scale for evaluating overall UHU:

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45% - 55% - Optimal
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35% - 45% - Above Average

25% - 35% - Average

15% - 25% - Below Average

01% - 15% - Poor Utilization



С

FY16 Highest UHU Rate

Council District	Unit	Performance Utilization %
14	RE18	72%
8	RE25	69%
3	RE49	68%
10	RE57	68%
13	RE37	68%
14	RE11	68%
4	RE38	67%
2	RE04	64%
5	RE51	64%
8	RE40	64%



FY16 Lowest UHU Rate

Council District	Unit	Performance Utilization %
9	RE39	54%
7	RE24	53%
6	RE30	51%
7	RE06	51%
2	RE19	50%
7	RE44	50%
10	RE29	50%
12	RE10	49%
6	RE50	43%
9	RE55	43% 11



Other Department Models

- Phoenix Fire
 - Population: 1.5 million
 - Call Volume: 164,106
 - Front Line: 23
 - Peak Demand: 14

- San Antonio Fire
 - Population: 2.38 million
 - Call Volume: 130,000
 - Front Line: 33
 - Peak Demand: 8
 - Squads: 21





Current Rescue Deployment

Dallas Fire-Rescue

- Population: 1.2 million
- Call Volume: 220,590
- Front Line: 40
- Peak Demand: 3

Peak Demand Ambulances

- RE41 Friday & Saturday: 4:00PM 2:00AM
- RE42 & RE48
 - Sunday Thursday: 11:00AM 7:00PM
 - Friday & Saturday: 4:00PM 2:00AM



13

Staffing Costs

Full Time Rescue

- 1st year = 1.4 million
 - Cost of new rescue = \$225,000
 - Five medics for three shifts
- 2^{nd} year = \$810,000

Peak Demand = \$332,842

- Staffed by medics off shift
- In service for only peak times
- 60 hours a week



Advantages

- Efficient use of extra rescue resources
- Adds resources for periods of high demand
- Versatile can be moved around to areas of greatest need or demand
- Contingency Plan added resource for unexpected events
- Patients receive care in a timely manner
- Increases most favorable outcomes for citizens



Disadvantages

- Use existing staffing
- Fatigue factor
- Decline in patient care
- Overtime costs
- Short-term solution



Moving Forward

- Decrease response times during peak demand hours
- Decrease unit hour utilization
- Increase availability to respond
- Deliver timely response to provide the highest level of care to our citizens and visitors
- Medical priority dispatch
- EMS response model



Dallas Fire-Rescue Peak Demand Ambulances

Public Safety Committee February 27, 2017

George Gamez, Acting Assistant Chief Dallas Fire-Rescue Department City of Dallas



Memorandum



DATE February 24, 2017

Honorable Members of the Public Safety Committee:
 Adam Medrano (Chair), B. Adam McGough (Vice Chair), Sandy Greyson, Tiffinni A. Young,
 Jennifer S. Gates, Philip T. Kingston

Upcoming *Draft* Agenda Item A: Authorize a three-year service contract to develop and administer promotional examinations for Police and Fire-Rescue - Industrial/Organizational Solutions, Inc., most advantageous proposer of four - Not to exceed \$328,785 - Financing: Current Funds (subject to annual appropriations)

The purpose of this service contract is to allow for the development and administration of promotional examinations for the Dallas Police and Fire-Rescue Departments.

Civil Service is responsible for the examination process for eight promotional Fire-Rescue Department ranks and three promotional Police Department ranks. Both departments have vacancies beyond their normal attrition in all ranks, and the eligible lists from which to promote candidates have expired. Seven exams are planned for 2017. Five of the tests have an assessment center (oral presentation) component in addition to a written multiple-choice examination. Consultant services are needed to develop and administer Police and Fire Department examinations so each department can fill their existing and future vacancies. The cost to conduct Fire tests is \$231,510.00. The cost to conduct Police tests is \$97,275.00.

Staff is seeking the support and recommendation from the Public Safety Committee to authorize this contract. This item will be placed on the March 22, 2017, City Council Agenda.

Eric D. Campbell Assistant City Manager

cc: Honorable Mayor and Members of the City Council T.C. Broadnax, City Manager Larry Casto, City Attorney Craig D. Kinton, City Auditor Rosa A. Rios, City Secretary Daniel F. Solis, Administrative Judge Kimberly Bizor Tolbert, Chief of Staff to the City Manager

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