



**AGENDA
CITY OF HARRISONVILLE
PUBLIC SAFETY COMMITTEE
REGULAR MEETING
CITY HALL
OCTOBER 28, 2013
6:00 PM**

- 1. Call to Order**
 - A. Roll Call**
- 2. Approve Minutes**
 - A. Public Safety Committee - Regular Meeting - Sep 26, 2013 6:00 PM**
- 3. Agenda Items**
 - A. Emergency Operations Plan Update**
 - B. Ambulance Costs**
- 4. General Discussion**
- 5. Adjournment**

This meeting will be open to the public.

Posted on City Hall Bulletin Board this day of

Kim Hubbard, City Clerk



DRAFT
MINUTES
CITY OF HARRISONVILLE
PUBLIC SAFETY COMMITTEE
REGULAR MEETING
CITY HALL
SEPTEMBER 26, 2013
6:00 PM

1. Call to Order

The meeting was called to order at 6:00 PM by Chair Bret Reece

Attendee Name	Title	Status	Arrived
Kevin Wood	Member	Present	
Doug Meyer	Member	Present	
Stacey Dahlman	Member	Absent	
Marcia Milner	Alternate	Absent	
David Dickerson	Member	Absent	
Bret Reece	Chair	Present	

2. Approve Minutes

A. Public Safety Committee - Regular Meeting - Aug 22, 2013 6:00 PM - Accepted

RESULT:	ACCEPTED [UNANIMOUS]
MOVER:	Doug Meyer, Member
SECONDER:	Kevin Wood, Member
AYES:	Kevin Wood, Doug Meyer, Bret Reece
ABSENT:	Stacey Dahlman, Marcia Milner, David Dickerson

3. Agenda Items

A. Twenty-Four Hour Parking 350.060 - Recommended

Chief Hofer reviewed prior changes to the definition of the word "vehicle" in chapter 342 of city code and to remain consistent he was recommending the change of "motor vehicle" to "vehicle" and section 350.060 would read as follows:

No vehicle shall be parked on any street, avenue, alley or in a municipally owned public grounds for a longer period than twenty-four (24) hours at one (1) location.

RESULT:	RECOMMENDED [UNANIMOUS]
	Next: 10/7/2013 7:00 PM
MOVER:	Kevin Wood, Member
SECONDER:	Doug Meyer, Member
AYES:	Kevin Wood, Doug Meyer, Bret Reece
ABSENT:	Stacey Dahlman, Marcia Milner, David Dickerson

B. Primary Seatbelt Ordinance - Recommended

Chief Hofer explained local ordinances can be more restrictive than state law, but cannot be less restrictive. Chief Hofer reported that all of Missouri's neighboring states (except Nebraska) have a primary seat belt law, meaning that police officers can stop a motorist simply for not wearing a seat belt without any other reason necessary. Chief Hofer also stated that the Police Department would like to use this change in the ordinance as an opportunity to educate the public on seatbelt usage, rather than as a punishment or fine to the offender.

Chief Hofer's recommendation is to change 380.160 of the city's code as follows:

Delete: No person shall be stopped, inspected or detained solely to determine compliance with this subsection.

Change to: Any person may be stopped, inspected or detained solely to determine compliance with this subsection.

RESULT:	RECOMMENDED [UNANIMOUS]
	Next: 10/7/2013 7:00 PM
MOVER:	Doug Meyer, Member
SECONDER:	Kevin Wood, Member
AYES:	Kevin Wood, Doug Meyer, Bret Reece
ABSENT:	Stacey Dahlman, Marcia Milner, David Dickerson

C. City Pet Tags and Microchips - Recommended

Chief Hofer reviewed the proposed amendment and explained at this time chapter 210 of the city's code requires pet owners to purchase a yearly license but the tag that is given at the time is not required to be attached to the pet's collar. With the amendment there would be a requirement for the pet tag to be attached to the pet's collar. The other change to the chapter would allow animals picked up by Animal Control to be micro chipped prior to release, which would allow for a quick return to its rightful owner.

RESULT: RECOMMENDED [UNANIMOUS]

Next: 10/7/2013 7:00 PM

MOVER: Kevin Wood, Member

SECONDER: Doug Meyer, Member

AYES: Kevin Wood, Doug Meyer, Bret Reece

ABSENT: Stacey Dahlman, Marcia Milner, David Dickerson

4. General Discussion

Alderman Stull had inquired if U-turns were allowed at the intersection of Commercial and Mechanic Streets and if not, did a sign need to be installed. Chief Hofer explained there is no U-turn allowed and the only time a sign is installed is when a U turn is allowed.

Chief Hofer gave an update on the tower for the police station and the different options available.

5. Adjournment

The meeting was closed at 6:45 PM

Mayor Wood made a motion to adjourn the meeting. Alderman Meyer seconded the motion and was approved by a voice vote.

Submitted by

Kim Hubbard, City Clerk

Kevin Wood, Mayor & Ex-Officio
Chairman of the Board of Aldermen

ATTEST:

Kim Hubbard, City Clerk

Minutes Acceptance: Minutes of Sep 26, 2013 6:00 PM (Approve Minutes)



TO: Public Safety Committee
FROM: Larry Francis, Director
DATE: October 16, 2013
SUBJECT: Emergency Operations Plan Update

Type of Item: *Presentation*

Background:

The City of Harrisonville has an Emergency Operations Plan (EOP) in place to assist City leaders with their role and responsibilities in providing service to the community in the event of a disaster whether it's natural or manmade.

The EOP is a living document and needs review on a yearly basis. The plan is reviewed yearly and is also re-adopted by the Board of Aldermen every three years, unless there are significant changes that need to be made.

Most of the changes during this review period are related to name changes, changes in contact information, and there is some additions to the Annex C - Public Information tab. Annex is attached and changes are red lined for your review. These changes were provided by Sheryl Stanley.

Approval:

Staff is requesting approval of the minor changes to the EOP. The changes will go into effect upon the Mayor Wood's signature.

A. Discussion Item (ID # 1211)

Emergency Operations Plan Update

Attachments:

Annex C - EOP (DOC)

ANNEX C

EMERGENCY PUBLIC INFORMATION

I. PURPOSE

To provide for the timely release of accurate information to the residents of the City of Harrisonville in the event of an emergency or disaster.

II. SITUATION AND ASSUMPTIONSA. *Situation*

1. ~~4.~~ Cass County and the City of Harrisonville are served by various news media, either located within the county or in the surrounding area, which may be utilized to disseminate public information in an emergency or disaster situation. (See Appendix 4 to this annex for a complete listing of these media.)
2. In addition, the city has email capability, a website and has Facebook and Twitter accounts which can be utilized for those who prefer to use social media. The county has an automated phone call system which can also be utilized to warn residents of dangerous situations.
2. Harrisonville does not have a concentrated non-English speaking population, however, for non-English speaking residents, translation of emergency information may be provided by the area schools' foreign languages staff.
3. Sample news releases have been developed and can be found in Appendix 6 to this annex.

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B. *Assumptions*

1. During an actual or impending emergency or international crisis, the public will expect local government to provide specific information relating to safety, survival, and protection of property.
2. The media will cooperate with local officials in the dissemination of information to the public.

3. Widespread or major disasters may result in state and national media coverage. Media personnel from state and national levels will not be familiar with local news release procedures.
4. Media personnel may attempt to obtain information from other than "official sources".
5. An effective public information program will reduce casualties and damages.

III. **CONCEPT OF OPERATIONS**

NOTE: The time frame for performing these actions is listed in parentheses.

- A. The Public Information Officer (PIO) will be located in the EOC or at a location to be designated when this plan is implemented. This location will serve as the official point of contact for the media during an emergency. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- B. Release of official public information will be coordinated with and approved by the City Administrator and released to the public in a timely manner. (MITIGATION, PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- C. Only information released by the City Administrator, or the Chief PIO will be considered official. The media will be so informed. (MITIGATION, PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- D. Information for release will be prepared and released to the media in accordance with the format described in Appendix 2 to this annex. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- E. Response organizations are responsible for coordinating with the PIO and for clearing press releases with the City Administrator before releasing information to the media for the public. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- F. Any person, department, or agency releasing information to the public of their own volition will bear the responsibility for any legal or moral ramifications and repercussions resulting from that

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release. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)

- G. Dissemination of public information will utilize all available media: television, radio, and newspaper, as well as Internet and social media channels. See Appendix 3 to this annex for a sample statement of understanding for emergency public information. (MITIGATION, PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- H. Activation of the Emergency Alert System (EAS), if necessary, will be in accordance with the State EAS Operational Plan. The City Administrator will designate those personnel with authority to activate the EAS and issue releases. Procedures will be coordinated with the appropriate radio and television officials. (MITIGATION, PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- I. Public information personnel in the field will coordinate with the chief PIO through frequent contacts with the EOC staff. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- J. Periodic briefings as necessary for media personnel will be conducted by the PIO. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- K. A rumor control section will be established to answer inquiries from the public and to monitor media broadcasts to insure the public is receiving accurate information. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- L. A major task of public information operations will be responding to inquiries. The PIO must establish procedures to inform families on the status of relatives who are injured or missing, emergency services available, damaged and/or restricted areas due to a disaster event, etc. (MITIGATION, PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- M. When an emergency occurs or threatens to occur requiring the dissemination of emergency public information, the PIO will release this information as soon as possible. (PREPAREDNESS and/or EMERGENCY RESPONSE)

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- N. Should the emergency involve more than the local jurisdiction, the PIO will coordinate public information activities with the PIO(s) of the jurisdiction(s) involved. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- O. If the emergency/disaster warrants activation of a state and/or federal response, the local PIO will coordinate public information activities with the state and/or federal PIOs. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- P. The PIO will coordinate with state, federal, and private sector agencies to obtain technical information (health risks, weather, etc.) when preparing releases. (PREPAREDNESS, EMERGENCY RESPONSE, and RECOVERY)
- Q. Release of public information will include pre-disaster education and answering inquiries. (MITIGATION and PREPAREDNESS)

IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

- A. The functional diagram for emergency public information is located in Appendix 1 to this annex.
- B. The PIO for the City of Harrisonville will be the City of Harrisonville ~~Information Specialist~~ Public Information Officer.

During a hazardous materials situation, the Incident Commander will appoint an on-scene PIO for media relations. If the EOC is activated, the on-scene PIO will coordinate activities with the chief PIO in the EOC.

The PIO is responsible for the following:

1. Prepare and release public information and assist in the dissemination of warning.
2. Develop emergency public information (EPI) materials for visually- and hearing-impaired persons, as well as for any non-English speaking groups.
3. Prepare instructions for people who must evacuate from a high-risk area. These EPI instructions will address the following for each threat:
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- a. definition of the population at risk
 - b. evacuation routes
 - c. suggested types and quantities of food, water, clothing, medical items, etc. evacuees should take with them
 - d. locations of reception areas, shelters, feeding facilities, and medical clinics in the host (reception) area
 - e. safe travel routes for returning to residences
 - f. centrally-located staging areas/pick-up points for evacuees needing transportation, etc.
- 4. Coordinate with the Health and Medical Coordinator on the development of public information regarding health risks, first-aid, etc.
 - 5. Establish a rumor control section.
- C. The Health and Medical Coordinator will assist the chief PIO in the development of materials which describe the health risks associated with each hazard, the appropriate self-help or first-aid actions, and other survival measures.
 - D. The Communications and Warning Coordinator will coordinate communications for emergency public information, including rumor control and EAS monitoring.
 - E. Each operating department/organization will furnish a PIO when necessary and available. These department/organization PIOs will provide information to the chief PIO of the jurisdiction, and will, when needed, assist in the release of public information.

V. CONTINUITY OF GOVERNMENT

The City Administrator will establish the line of succession for the chief PIO.

VI. ADMINISTRATION AND LOGISTICS

A chronological file of all news releases during the disaster will be maintained in the EOC, as well as a log of these releases (see Appendix 5 to this annex).

Appendices

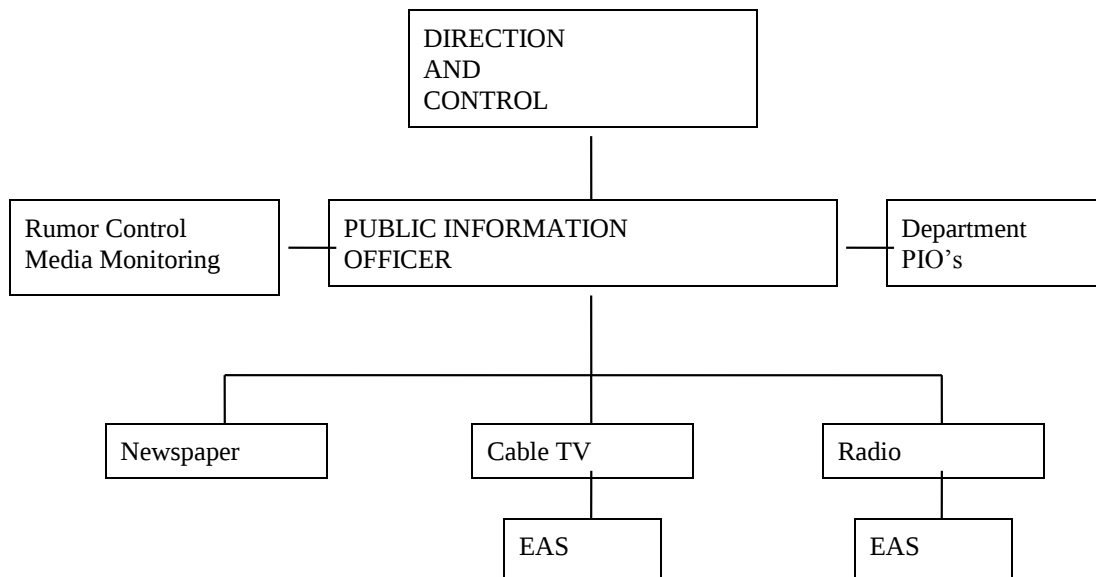
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1. Emergency Public Information Functional Diagram
2. Format and Procedures for News Releases
3. Statement of Understanding for Emergency Public Information Operations
4. Media Points of Contact
5. News Release Log
6. Sample News Releases

Appendix 1 to Annex C

**EMERGENCY PUBLIC INFORMATION
FUNCTIONAL DIAGRAM**



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Appendix 2 to Annex C

FORMAT AND PROCEDURES FOR NEWS RELEASESA. Format

1. Name, address, and telephone number of the news release initiator.
2. Text of the news release.
3. Substantiating records for the release.
4. Date and time received.
5. Date and time released.
6. How and to whom the news release was issued.

B. Release Procedures

1. Verify the authenticity of the information contained in the release.
2. Verify that a duplicate release has not already been made.
3. Prepare the release in the format listed above.
4. Determine if the information contained in the release is in the public interest and will not create unwarranted or unnecessary fear, anguish, or other adverse reactions among the public. However, news releases will not be withheld simply to avoid political or public official embarrassment should the situation so warrant.
5. News releases will be distributed fairly and impartially to the news media.
6. Copies of all news releases will be filed chronologically.
7. Copies of all news releases will be furnished to the rumor control section.

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Appendix 3 to Annex C

**STATEMENT OF UNDERSTANDING FOR
EMERGENCY PUBLIC INFORMATION OPERATIONS**

This statement of understanding is entered into between (Radio-TV stations and/or Newspapers), hereinafter referred to as the media, and (city and/or county), hereinafter referred to as (the city and/or the county) to provide emergency information to the citizens of (the city and/or the county) whenever a threat to life and property exists from natural or man-made causes.

When, in the opinion of the chief executive of (the city and/or the county), a threat to life and property exists or threatens (the city and/or the county), the Emergency Operations Center (EOC) of (the city and/or the county) will be placed on an appropriate status and staffed in accordance with the severity of existing or potential threat, and lines of communication will be opened and maintained for the duration of such threat between the EOC and the media.

The EOC of (the city and/or the county) will:

1. Provide the media with a description of the threat and the actions that the emergency staff of (the city and/or the county) is taking to combat the effects of the threat.
2. Provide immediate guidance for the public to lessen the dangers to life and property from the threat.
3. Establish with the media, a schedule of briefings on the progress of the threat and additional actions to be taken by the public to lessen the possibility of loss of life and damage to property.
4. Issue bulletins on any significant change in the threat as those changes occur.
5. Advise the media that the danger of the threat has passed and that no further EOC operations are necessary.

The media, at their discretion, and within operating limitations imposed by management or any rules and regulations imposed by appropriate government agencies, will:

1. Accept the transmissions from the EOC of (the city and/or the county) for inclusion in regular news programs or as special news bulletins or to be printed as emergency guidance for the purpose of saving life or reduction of property damage, for the duration of the threat.

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2. Accept and maintain in place any equipment provided for communications and report to (the city and/or the county) any damage to or outages of such equipment.
3. Test any equipment provided by (the city and/or the county) by brief two-way transmissions on the *(last Friday of each month at 11:00 a.m. local time).

NB: THIS STATEMENT OF UNDERSTANDING BETWEEN THE (city and/or the county) AND THE MEDIA IS IN NO WAY INTENDED TO ABRIDGE THE FREEDOM OF THE PRESS OR TO CONSTRAIN THE EDITORIAL RESPONSIBILITY INHERENT IN AN OPEN SOCIETY. THE SOLE PURPOSE OF THIS STATEMENT OF UNDERSTANDING IS TO ESTABLISH A SOURCE OF INFORMATION FOR THE MEDIA WHEN A THREAT OR POTENTIAL THREAT EXISTS TO THE LIFE AND PROPERTY OF THE CITIZENS OF (the city and/or county).

For the Media

For the city and/or county

*Entered as an example only, testing should be established by mutual agreement and entered in the statement of understanding at this point.

Appendix 4 to Annex C

MEDIA POINTS OF CONTACT

Radio Stations *

WDAF AM 61	913-677-8998 913-576-7000
KUDL FM 98.1	913-677-8998 913-576-7981
KMBZ AM 980	913-677-8998 913-576-7798
KCFX FM 101.1	913-576-7739 913-514-3000
KDKD FM 95.3	660-885-6141

Television Stations *

WDAF - Channel 4,	816-753-4567 News Hotline 816-932-9201 Fax 816-931-4185
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KCMO - Channel 5	913-677-7211 677-8181
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KMBC - Channel 9	816-221-9999 816-760-9334
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KSHB – Channel 41	816-753-4141 816-932-4112
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Cable Television Companies

Fidelity Communications	
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Newspapers

Democrat-Missourian, <u>Bethany Bashioun</u>	380-3228 380-3228
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Belton Star Herald	331-5353
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Attachment: Annex C - EOP (Emergency Operations Plan Update)

<u>Kansas City Star</u>	<u>816-234-4923</u>
Raymore Journal	322-6002
<u>Pleasant Hill Times, Kirk Powell</u>	<u>816-540-3500</u>

Appendix 5 to Annex C

NEWS RELEASE LOG

[illegible]

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Updated 2013.

Attachment: Annex C - EOP (Emergency Operations Plan Update)

Appendix 6 to Annex C

SAMPLE NEWS RELEASES

SAMPLE RADIO/TV MESSAGE

FLOOD EVACUATION ORDERED

This is _____. The flooding situation continues in parts of _____ (county/city) and may worsen.

For your safety, I am asking that you leave the _____ area as soon as possible (give boundaries of local area, evacuation routes).

Be sure to take essential items -- medicine, special foods, personal items, baby supplies, clothing, money, and valuable papers -- but do not overload your car. Secure your home before you leave. Be sure to check on any neighbors who may need assistance.

If you cannot stay with relatives or friends outside of the evacuation area, go to (one of) the Red Cross shelter(s) at _____.

Pets will not be allowed in Red Cross shelters. If you cannot make arrangements for someone outside the evacuation area to take care of your pet, _____ (give instructions) _____. Do not allow your pet to run lose. If you cannot make arrangements for large animals, _____ (give instructions) _____.

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Updated 2013.

Attachment: Annex C - EOP (Emergency Operations Plan Update)

SUMMARY STATEMENT FOR MEDIA

HAZARDOUS MATERIALS INCIDENT

(To be adapted according to the situation.)

At approximately ____am/pm today, a spill/release of a potentially hazardous substance was reported to this office by (a private citizen, city employee, etc.).

Fire/Police units were immediately dispatched to the area. The material was later determined to be (describe), a (hazardous/harmless) (chemical, gas, substance, material) which, upon contact, may produce symptoms of _____.

Precautionary evacuation of the (immediate/X-block) area surrounding the spill was (requested/required) by (agency).

Clean-up crews from (agency/company) were dispatched to the scene and normal traffic had resumed by (time), at which time residents were allowed to return their homes.

There were no injuries report –OR- _____ persons, including (fire/police) personnel, were treated at area hospitals for _____ and (all/number) were later released. Those remaining in the hospital are in _____ condition.

Response agencies involved were _____.

SUMMARY STATEMENT FOR MEDIA

NO INFORMATION AVAILABLE

This is _____ at the _____. An earthquake of undetermined magnitude has just been felt in the _____ area.

At this time, we have no confirmed reports of injuries or damage. Police and fire units are responding to the area. We will keep you informed as reports come in. Meanwhile, be prepared for after shocks.

If shaking begins again, quickly seek shelter under a sturdy piece of furniture or in a supporting doorway. If your house has been damaged and you smell gas, shut off the main gas valve. Switch off electrical power if you suspect damage to wiring. Do not use your telephone unless you need emergency help.

SAMPLE MEDIA MESSAGE

UPDATE ON EARTHQUAKE

This is _____ at the _____. The magnitude of the earthquake which struck the _____ area at (time) today, has been determined to be Richter scale. The epicenter has been fixed at _____ by (scientific authority).

This office has received reports of _____ deaths, _____ injuries, and _____ homes damaged. No dollar figure is yet available. Police and Fire units are on the scene to assist residents. (Continue with summary of the situation.)

After shocks may continue to be felt in the area. If you feel shaking, quickly seek shelter under a sturdy piece of furniture or in supporting doorway. Do not use your telephone unless you need emergency help.

City of
Harrisonville
est. 1836

STAFF REPORT

TO: Public Safety Committee
FROM: Keith Moody, City Administrator
DATE: October 14, 2013
SUBJECT: Ambulance Costs

Type of Item: *Presentation*

Background:

John Teague, a Harrisonville resident, came to the Board of Aldermen during the October 7th meeting and asked a question related to the maintenance costs on the ambulances. An immediate answer was not able to be provided for him. Staff was directed to provide the information.

Attached to the memo is a breakdown of the costs associated with each ambulance since it arrived in Harrisonville. There are three columns that identify the repair costs, fuel used, and oil. Changes covers the preventative maintenance. The repair costs reflect the repairs done. I have also provided major repairs to each ambulance at the bottom of each chart for that specific ambulance.

Using the operating costs identified we have also calculated a cost of ownership per mile for each vehicle (also attached). Estimated residual values are based on recent sales of similar ambulances on Govdeals and Ebay. The ownership per mile cost also reflects the price paid for each of ambulances when they were purchased new. The primary reasons for Refurbishing the two 2004 Ambulances in 2013 (Medic 1) and 2012 (Medic 3) were:

1. The cost of a new like ambulance rose dramatically between 2004 (purchase price of 2004 ambulances was \$109,834) and 2009 (\$\$164,843). A \$55,000 increase in 5 years or 10% per year.
2. The City had already replaced the engine and rebuilt the transmission in one of the 2004 ambulances by 2009 and replaced the engine in the other 2004 by 2011 (both had less than 200,000 miles at the time of the investment- GMC representatives claim that the Duramax engine and Allison transmission in these units are good for 250,000 miles minimum in our operating conditions. Harrisonville puts a lot of highway miles on our ambulances. Substantial investment had recently been made in the drive train just prior to 2012 when the Re-bodying vs. Replacement vs. Refurbishing decision was scheduled to be made.
3. Historically Harrisonville had purchased new chassis and remounted old bodies on them. For example the city replaced a 2002 Ford E450 that had a 1984 body on it with the new ambulance

we purchased in 2009. We sold the 2002 E450 with 1984 body for \$6,000, we had invested \$100,000 in this unit.

4. GMC Discontinued the C4500 in 2008 and the option to remount the patient care module was not feasible since the chassis was not available. A replacement or new ambulance was estimated at \$154,000 each and refurbishing was estimated at \$50,000 per ambulance. The estimated value of the 2004's in 2012 was around \$15,000 each. Having just completed major drive train investments and relying on the manufacturers estimated 250,000 miles drive train life. The decision was made to refurbish the ambulances.

It is disappointing that we have had to replace the engine in Medic 1 twice and it only has 227,000 miles, not a situation that was expected. But the ownership cost per mile on this unit (\$.93/miles) and the other 2004 (\$.97/mile) are both lower than that of the 2009 (\$1.40/mile) which is similar to what the cost of ownership would be for new ambulances had they been purchased in 2012. Two things drive this, the significant increase in the cost of new ambulances over what we paid for the 2004's and the fact that ambulances experience HORRIBLE depreciation. Very few buyers for a vehicle with very few uses causes this. Most ambulance services either buy new or re-use the bodies, leaving little market for second hand ambulances. They are not like a pick up, back hoe or mower where you have a multitude buyers at virtually every price point.

When ambulances are down, we repair them as quickly as possible. We are fortunate that we have three ambulances and the ability to call on neighboring jurisdictions for mutual aid.

The 2013 Budget for apparatus repairs was \$30,250. As of October 2013 we have spent \$33,843 just on the ambulance repairs. Recently we have had a budget adjustment of \$15,000 to add to the line item of apparatus maintenance. This increased the budget to \$45,250 for 2013. We have also had a couple other pieces of apparatus that needed substantial repairs. Engine 20 needed transmission repair at \$3,585 and Engine 27 needed a couple of electronic modules needing replaced at \$998.

The cost of maintenance/repairs of the ambulances does increase with age, but that is not the primary cost of ownership. Depreciation is the primary cost for ambulances. For Harrisonville and our three ambulances history is showing that repairing our older ambulances is less expensive than replacing them with new units. New units have no technological or operating efficiency advantage over the units we have. In fact with gas prices now consistently lower than diesel and the significantly cheaper cost of gas engine repair or replacement the next ambulance replacement will include gas options in the specs in order to compare the life cycle costs we have experienced with our existing diesel ambulances to lifecycle costs other departments running gas ambulances are experiencing.

B. Discussion Item (ID # 1208)

Ambulance Costs

Attachments:

Ambulance Cost Summary - October 2013 (DOCX)

Ambulance Costs 10-17-13 (PDF)

Ambulance Cost Summary - 2013

Medic 1 – 2004 MedTec Type III Ambulance

Mileage 226868

Hours: 8099.9

	Repair Costs	Fuel	Oil Changes	Total Costs
2005	\$261.89	\$5,363.23	\$680.00	\$6,305.12
2006	\$1,040.64	\$5,186.62	\$680.00	\$6,907.26
2007	\$1,142.65	\$3,463.19	\$680.00	\$5,285.84
2008	\$3,019.51	\$3,542.93	\$680.00	\$7,242.44
2009	\$25,603.05	\$5,010.90	\$680.00	\$31,293.95
2010	\$8,620.88	\$12,431.70	\$680.00	\$21,732.58
2011	\$13,558.76	\$13,698.16	\$680.00	\$27,936.92
2012	\$18,689.61	\$20,749.61	\$680.00	\$40,119.22
2013	\$63,136.08	\$10,032.94	\$680.00	\$73,849.02
	\$135,073.07	\$79,479.28	\$ 6,120.00	\$ 220,672.35

2009 Engine Block Replacement and transmission rebuild \$18919.14

2012 Engine Block Replacement \$14656.87

2013 Patient Compartment Refurbishment – Accident Repair \$55,000.00

Medic 2 – 2009 ARV Type III Ambulance

Mileage – 151193

Hours: 5468

	Repairs	Fuel	Oil changes	Total costs
2009	\$1,546.38	\$440.79	\$340.00	\$2,327.17
2010	\$654.57	\$3,518.38	\$680.00	\$4,852.85
2011	\$2,155.28	\$14,348.21	\$680.00	\$17,183.49
2012	\$11,046.66	\$14,664.45	\$680.00	\$26,391.11
2013	\$9,695.50	\$10,872.41	\$680.00	\$21,247.91
	\$25,098.39	\$43,844.14	\$3,060.00	\$72,002.53

2012 Fuel Injector replacement \$7072.40

Attachment: Ambulance Cost Summary - October 2013 (Ambulance Costs)

Medic 3 – 2004 MedTec Type III Ambulance

Mileage: 228401

Hours: 10,000.8

	Repairs	Fuel	Oil Change	Total Cost
2005	\$93.00	\$6,662.80	\$680.00	\$7,435.80
2006	\$1,177.03	\$7,633.85	\$680.00	\$9,490.88
2007	\$1,249.74	\$11,818.56	\$680.00	\$13,748.30
2008	\$2,901.90	\$13,922.68	\$680.00	\$17,504.58
2009	\$10,179.01	\$9,374.66	\$680.00	\$20,233.67
2010	\$10,872.06	\$10,675.22	\$680.00	\$22,227.28
2011	\$32,341.04	\$12,057.64	\$680.00	\$45,078.68
2012	\$58,425.52	\$6,874.97	\$680.00	\$65,980.49
2013	\$16,011.72	\$10,554.14	\$680.00	\$27,245.86
	\$133,251.02	\$89,574.52	\$6,120.00	\$228,945.54

2011 Engine Block Replacement	\$18684.29
2012 Patient Compartment Refurbishment	\$45086.94
2012 Fuel Injector Replacement	\$7340.08
2013 Replacement of one head and gasket	\$8644.53
2013 Radiator Replacement	\$2399.80

Attachment: Ambulance Cost Summary - October 2013 (Ambulance Costs)

Ambulance Cost Detail as of 9/30/13

Medic 1					Medic 2					Medic 3				
Date	Mileage	Hour Meter	Description of Work	Costs	Date	Mileage	Hour Meter	Description of Work	Costs	Date	Mileage	Hour Meter	Description of Work	Costs
2004			Purchase Price	\$ 109,834.00	2009	0	0	Purchase Price	\$ 164,843.00	2004	0	0	Purchase Price	\$ 109,834.00
6/3/2005				\$ 25.49	3/20/2009				\$ 938.24	11/7/2005				\$ 93.00
7/20/2005				\$ 98.45	12/31/2009				\$ 608.14	2/6/2006				\$ 128.36
8/22/2005				\$ 137.95	3/29/2010			Windshield	\$ 259.71	3/2/2006				\$ 76.14
2/6/2006				\$ 128.36	7/15/2010				\$ 76.94	3/23/2006			Suspension Issues	\$ 800.00
3/23/2006			suspension issues	\$ 800.00	10/4/2010				\$ 297.92	8/9/2006				\$ 101.99
6/16/2006				\$ 43.63	11/29/2010				\$ 20.00	11/8/2006				\$ 70.54
7/16/2006				\$ 43.65	1/24/2011			Windshield	\$ 241.05	2/20/2007				\$ 104.50
11/3/2006				\$ 25.00	4/14/2011			Tire Repair	\$ 90.00	3/26/2007				\$ 10.14
1/29/2007				\$ 63.79	5/26/2011			Air conditioner	\$ 992.59	5/9/2007				\$ 234.00
3/6/2007				\$ 114.64	6/8/2011				\$ 700.35	6/7/2007				\$ 323.48
4/16/2007				\$ 90.00	11/22/2011				\$ 72.00	7/2/2007				\$ 265.00
5/3/2007				\$ 51.07	12/22/2011				\$ 59.29	8/29/2007				\$ 27.62
6/7/2007				\$ 323.48	3/1/2012				\$ 247.51	11/29/2007				\$ 285.00
7/16/2007				\$ 101.81	3/29/2012				\$ 40.00	2/6/2008				\$ 493.57
8/2/2007				\$ 211.36	5/9/2012				\$ 74.84	2/6/2008				\$ 970.95
8/28/2007				\$ 27.62	6/7/2012			Towing	\$ 365.70	2/20/2008				\$ 74.00
10/30/2007				\$ 158.88	6/25/2012				\$ 698.14	3/28/2008				\$ 316.40
2/20/2008				\$ 74.00	6/25/2012				\$ 981.29	4/25/2008				\$ 344.25
3/18/2008				\$ 176.34	7/30/2012				\$ 38.68	9/2/2008				\$ 105.19
4/25/2008				\$ 344.25	8/1/2012				\$ 7,072.40	9/23/2008				\$ 414.08
6/23/2008				\$ 1,504.18	8/28/2012				\$ 79.00	10/3/2008				\$ 55.00
7/7/2008				\$ 16.39	9/11/2012				\$ 232.50	11/12/2008				\$ 83.50
7/7/2008				\$ 734.31	12/10/2012			New Rear Tires	\$ 1,216.60	12/5/2008				\$ 44.96
9/2/2008				\$ 11.67	1/4/2013				\$ 270.30	2/19/2009				\$ 324.77
9/9/2008				\$ 128.37	2/5/2013				\$ 1,378.25	4/24/2009				\$ 897.55
11/5/2008				\$ 30.00	2/6/2013			Windshield	\$ 262.33	6/11/2009				\$ 300.72
3/20/2009				\$ 938.24	2/19/2013				\$ 49.75	7/17/2009				\$ 1,011.10
5/5/2009				\$ 179.90	2/27/2013				\$ 825.35	7/17/2009				\$ 1,707.79
6/11/2009				\$ 306.54	3/11/2013				\$ 671.73	7/17/2009				\$ 1,679.96
7/17/2009				\$ 173.18	5/14/2013			Windshield	\$ 262.33	8/28/2009				\$ 596.34
8/5/2009				\$ 64.82	5/14/2013			Towing	\$ 341.55	10/4/2009				\$ 775.98
9/2/2009			New Engine Block and transmission	\$ 18,919.14	5/14/2013				\$ 800.30	11/4/2009				\$ 60.00
9/14/2009				\$ 690.00	5/14/2013				\$ 1,147.82	12/22/2009				\$ 2,216.66
10/12/2009				\$ 1,101.49	5/28/2013				\$ 250.84	12/31/2009				\$ 608.14
11/12/2009				\$ 404.94	5/31/2013				\$ 286.13	3/15/2010				\$ 99.50
12/22/2009			Electrical Issues	\$ 2,216.66	6/4/2013				\$ 348.70	5/4/2010				\$ 100.00
12/31/2009				\$ 608.14	7/18/2013				\$ 660.24	7/15/2010				\$ 538.94
2/1/2010				\$ 236.01	8/12/2013			Towing	\$ 341.55	7/19/2010				\$ 4,137.72
3/15/2010			New windshield	\$ 253.31	8/12/2013				\$ 207.80	8/9/2010			Towing	\$ 317.40
4/21/2010				\$ 542.87	9/3/2013				\$ 531.20	8/9/2010				\$ 262.50
6/1/2010				\$ 107.50	9/3/2013				\$ 59.06	8/9/2010				\$ 2,394.12
6/28/2010			Towing	\$ 244.95	9/3/2013				\$ 940.27	8/18/2010				\$ 773.19
6/28/2010				\$ 2,313.33	9/30/2013				\$ 60.00	9/20/2010			Towing	\$ 240.93
7/15/2010			Towing	\$ 626.75		32	85	Oil Changes	\$ 2,720.00	10/18/2010				\$ 505.63
8/9/2010				\$ 159.02				Fuel Total	\$ 43,844.14	10/18/2010			Towing	\$ 301.88
8/9/2010				\$ 2,394.12				Maintenance & Operating Costs	\$ 71,662.53	10/18/2010				\$ 816.75
10/4/2010				\$ 297.92				Estimated Residual Value	\$ (25,000.00)	11/8/2010				\$ 50.00
10/18/2010				\$ 505.63				Total Cost of Ownership to Date	\$ 211,505.53	11/17/2010			Towing	\$ 333.50
12/13/2010				\$ 939.47		Miles	151193	Ownership Cost Per Mile	\$ 1.40	1/24/2011			windshield	\$ 241.05
1/11/2011			Towing	\$ 353.63		Hours	5468	Ownership Cost Per Hour	\$ 38.68	1/24/2011				\$ 406.31
2/21/2011				\$ 122.66						2/11/2011			Towing	\$ 358.23
3/1/2011				\$ 53.73						3/22/2011				\$ 2,671.01
3/9/2011				\$ 53.62						6/8/2011			Towing	\$ 249.55
3/28/2011			Towing	\$ 378.35						6/8/2011				\$ 700.35
4/14/2011			Towing	\$ 748.65						6/8/2011				\$ 24.88
5/6/2011				\$ 930.38						7/13/2011			Towing	\$ 240.93
5/24/2011			air conditioner repair	\$ 692.40						7/13/2011				\$ 2,764.63
5/26/2011			air conditioner repair	\$ 992.59						7/18/2011				\$ 36.16
6/8/2011			air conditioner repair	\$ 700.35						8/15/2011			Towing	\$ 313.38
6/14/2011				\$ 4,253.14						8/15/2011				\$ 2,918.65
7/13/2011				\$ 155.00						9/7/2011				\$ 1,142.88
8/15/2011				\$ 25.00						9/7/2011				\$ 365.15
8/15/2011				\$ 83.15						10/3/2011				\$ 62.00
9/7/2011				\$ 122.30						10/3/2011				\$ 213.14
9/7/2011				\$ 338.05						11/2/2011				\$ 90.00
10/17/2011				\$ 53.63						11/22/2011			Towing	\$ 319.41
10/17/2011				\$ 450.47						11/22/2011			tires	\$ 539.04
10/17/2011				\$ 291.32						12/5/2011			New Engine Block	\$ 18,684.29
11/2/2011				\$ 433.50						1/25/2012				\$ 117.00
11/22/2011			Towing	\$ 319.41						3/1/2012				\$ 583.63
11/22/2011				\$ 433.50						3/1/2012				\$ 31.80
11/22/2011				\$ 32.50						3/19/2012				\$ 175.00
12/22/2011				\$ 285.25						8/27/2012			refurbish	\$ 45,086.94
12/30/2011				\$ 1,256.18						8/28/2012				\$ 24.00
1/23/2012			Towing	\$ 494.51						9/11/2012				\$ 232.50
2/6/2012			tires	\$ 1,323.12						9/11/2012				\$ 1,605.44
3/19/2012				\$ 40.26						10/5/2012				\$ 40.00
3/19/2012				\$ 145.49						10/5/2012				\$ 25.91
5/9/2012			Towing	\$ 359.95						10/15/2012			King Pins	\$ 883.50
6/25/2012			windshield repair	\$ 191.95						11/5/2012			Towing	\$ 261.05
7/30/2012				\$ 371.47						11/5/2012			Towing	\$ 110.00
9/11/2012			Towing	\$ 285.78						11/5/2012				\$ 1,330.77
9/11/2012				\$ 372.87						12/10/2012				\$ 7,340.08
10/5/2012			Engine Block	\$ 14,656.87						12/30/2012				\$ 577.90
10/5/2012				\$ 54.40						1/14/2013				\$ 112.50
12/10/2012				\$ 392.94						2/5/2013			Towing	\$ 341.55
1/14/2013				\$ 99.77						2/5/2013				\$ 860.83
2/5/2013			Refurbish	\$ 55,127.08						2/19/2013			Towing	\$ 341.55
4/23/2013				\$ 732.43						3/18/2013				\$ 838.49
8/12/2013				\$ 351.20						5/28/2013				\$ 333.98
8/12/2013				\$ 3,187.34						5/30/2013				\$ 594.48
8/12/2013			New Rear Tires (4)	\$ 1,196.60						7/1/2013			Replace Head and gasket (1)	\$ 8,644.53
8/12/2013				\$ 791.69						8/12/2013				\$ 351.20
9/3/2013				\$ 466.85						8/12/2013				\$ 282.29
9/6/2013				\$ 1,068.48						9/6/2013				\$ 85.00
9/30/2013				\$ 114.64						9/6/2013				\$ 25.00
	72		85 Oil changes	\$ 6,120.00						9/11/2013			Overheating	\$ 2,399.80
			Fuel Total 2005 to present	\$ 79,479.28						9/30/2013			Towing	\$ 309.35
			Maintenance & Operating Costs	\$ 220,672.35						9/30/2013			Door seals	\$ 124.27
			Estimated Residual Value	\$ (10,000.00)						9/30/2013				\$ 134.40
			Total Cost of Ownership to Date	\$ 210,726.08						9/30/2013				\$ 232.50
Miles	226,868		Ownership Cost Per Mile	\$ 0.93							72		85 Oil changes - thru service	\$ 6,120.00
Hours	8,100		Ownership Cost Per Hour	\$ 26.02									Fuel Total	\$ 89,574.30
													Maintenance & Operating Costs	\$ 228,945.32
													Estimated Residual Value	\$ (10,000.00)
													Total Cost of Ownership to Date	\$ 210,726.08
										Miles	228,401		Ownership Cost Per Mile	\$ 0.93
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