



**AGENDA
CITY OF HARRISONVILLE
PUBLIC WORKS COMMITTEE
REGULAR MEETING
CITY HALL
DECEMBER 4, 2014
6:00 PM**

- I. Call to Order**
 - A. Present**
- II. Approval of Minutes**
 - A. Public Works Committee - Regular Meeting - Nov 6, 2014 6:00 PM**
- III. Agenda Items**
 - A. Purple Heart City Sign**
 - B. Council Bill : PrePurchase Filter Meda & Equipment**
 - C. Council Bill : Policy City of Harrisonville Curb, Guttering and Sidewalk Repair & Replacement Prioritization Program**
- IV. Stormwater Issues**
- V. Public Works Project Updates**
- VI. Airport Reports**
 - A. November 2014 Airport Report James Green, Airport Manager**
- VII. General Discussion**
- VIII. Adjourn**

This meeting will be open to the public.

Posted on City Hall Bulletin Board this 26th day of November

Kim Hubbard, City Clerk



DRAFT
MINUTES
CITY OF HARRISONVILLE
PUBLIC WORKS COMMITTEE
REGULAR MEETING
CITY HALL
NOVEMBER 6, 2014
6:00 PM

I. Call to Order

The meeting was called to order at 6:00 PM by Chair Ivan Stull

Attendee Name	Title	Status	Arrived
Kevin Wood	Member	Present	
Doug Meyer	Alternate	Absent	
Morris Coburn	Member	Present	
David Dickerson	Member	Present	
Ivan Stull	Chair	Present	
Bret Brown	Member	Absent	

Others Present: City Administrator Keith Moody, Public Works Director Jerry Gibbs, Assistant Public Works Director Eric Patterson, Street Superintendent Rodney Jacobs, Electric Department Director Keith Thomas, City Engineer Ted Martin, Airport Manager James Green and City Clerk Kim Hubbard

II. Approval of Minutes

- A. Public Works Committee - Regular Meeting - Oct 2, 2014 6:00 PM** Accepted
Minutes were approved.

III. Agenda Items

A. Phil Zaroor request for curb sidewalk and cost

Mr. Patterson reviewed request from resident Phil Zaroor, 800 W. Wall. Mr. Zaroor is requesting the City build a curb and put in a sidewalk from Short Street to Oakland Street on the north side of Wall Street. This would be in front of Mr. Zaroor's and his neighbor's property. Staff met with Mr. Zaroor regarding his concerns and Mr. Zaroor also shared that he would like for the City to repair the retaining wall.

Staff's recommendation was to do nothing. There was discussion that Wall Street is listed as a future capital improvement project so any improvements in one area would be counter productive. Mr. Moody suggested offering a cost/share with the Mr. Zaroor in which Mr. Zaroor would pay for materials and city crews would do the work. Mr. Gibbs said that city crews are busy with other projects and if they were to do the work on Wall

Street it would mean a City project would be put on hold. It was also discussed that Mr. Zaroor would need to make repairs to the retaining wall and allow for space if a sidewalk was to be installed. Mr. Patterson also reminded everyone that when repairs/upgrades are done to a street the City must follow ADA regulations. Mayor Wood made the following motion to offer Mr. Zaroor a cost/share for the work being requested, City crews would do site preparation, Mr. Zaroor would need to relocate the retaining wall to allow for the installation of a sidewalk and pay for installation of the sidewalk, curb and gutter at the City's contract amount. Alderman Coburn seconded the motion and it was passed by a voice vote.

B. 2014 Chip Seal Program Review

Mr. Jacobs reviewed the Chip Seal Program and noted the budget was \$90,000. Mr. Jacobs reviewed the two processes used in the 2014 Program which were Chip Sealing and Fog Sealing. Mr. Jacobs reported the majority of the chip seal was used on streets that were traditionally on the asphalt overlay program and the fog seal has improved the appearance of chip seal and may provide a layer of protection to asphalt streets under certain conditions. Pictures were shown of streets with cracks that can't be chip sealed but fog sealing should assist in keeping the water out.

C. Water Hydraulic Model Recommended

Mr. Gibbs reported two firms had submitted Statement of Qualifications, Burns and McDonnell had been selected and that a fee had been negotiated for a 10 year improvement plan. Mr. Gibbs reported the analysis would assist in solving issues such as fire flow, updating water maps and storage locations along with other issues. Mr. Gibbs asked the Committee for a positive recommendation to take to the Board of Aldermen to approve the cost of \$59,937 for the Water Hydraulic Model.

D. Lake Harrisonville Electric Service

Director Thomas reviewed the replacement of the three phase electrical underground primary distribution at Lake Harrisonville. Mr. Thomas distributed a rough draft of the design which showed an aerial distribution line which would feed back into three overhead transformers. Mr. Thomas discussed that the airier distribution would allow for the City Electric Department to supply the materials and make repairs if needed.

E. Siemens Industry Settlement Agreement Recommended

Mr. Gibbs reported that the Siemens audit revealed there was an error in the math when multiplying out the savings. The second year of savings was off about \$10,000 and instead of conducting an audit each year and paying out the difference Siemens asked if the City would settle for a one time payment. After some negotiation the amount agreed upon was \$121,000 from which 75% would go to CWSS fund and 25% would go to the Community Center fund. Mayor Wood asked why the money would not be applied to debt and Mr. Moody stated there would not be a lot of savings on interest. Mr. Gibbs stated he was asking for a positive recommendation for approval to take to the Board of Aldermen.

IV. Stormwater Issues

It was noted that there are four easement acquisitions to be acquired before the Morningview Storm Drainage Improvement Project can be bid. The design for the Chateau Stormwater Project has started and the first public meeting was October 2, 2014. No one was present that spoke regarding stormwater issues.

V. Public Works Project Updates**A. Public Works Update October 2014**

Mr. Patterson and Mr. Gibbs met with Kansas City Water and City of Lee's Summit and both are ready to move forward with the agreement. Mr. Gibbs stated he hopes to have an agreement executed by all parties by the end of the year.

Mr. Kline, Burns and McDonnell, reported that the treatment plant upgrades have been approved by Missouri Department of Natural Resources. Representatives of the State Revolving Fund will meet with Mr. Gibbs in December. Mr. Gibbs and Mr. Patterson reviewed the rest of the public works update.

VI. Airport Reports**A. October Airport Report by Manager James Green**

Mr. Green reported the letter of the City's objection to the Highway Truss Sign has been received and we are waiting for final determination. There was discussion regarding trees that were identified to be in the no fly zone. Mr. Green stated one is on private property and the landowner is willing to work with City and two of the trees have been taken off the list.

Mr. Green reported that his fuel is good till the end of the year but was asked to run numbers to determine whether purchasing fuel at a lower price would be a benefit and there was discussion regarding the option of splitting the fuel with another airport.

VII. General Discussion

Alderman Dickerson discussed information he had found regarding having truck stops in the City and asked City Clerk Hubbard to make copies and distribute to the Board.

VIII. Adjourn

Alderman Dickerson made the motion to adjourn. Alderman Coburn seconded the motion and it was approved by a voice vote. The meeting adjourned at 7:30 p.m.

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

ATTEST:

Kim Hubbard, City Clerk



STAFF REPORT

TO: Public Works Committee
FROM: Kim Hubbard, City Clerk
DATE: November 21, 2014
SUBJECT: Purple Heart City Sign

Type of Item: *Approval*

At the November 3rd Board of Aldermen meeting a proclamation was presented designating the City as a Purple Heart City. Mr. John Dismar has sent a letter and illustration asking if the city is interested in displaying a sign that says Purple Heart City.

I have attached a copy of the letter and illustration.

A. Discussion Item (ID # 1663)

Purple Heart City Sign

Attachments:

Purple Heart City Sign (PDF)

Sent email to Mr. Dismer
asking for illustration

RECEIVED

NOV - 6 2014

CITY OF HARRISONVILLE

Ms. Kim Hubbard,

I am the State Adjutant for the Military Order of the Purple Heart. We are honored that the City of Harrisonville became a Purple Heart City.

We are interested in promoting visual reminders of the high price that has been paid for our freedoms, and a number of cities have expressed interest in putting Purple Heart signs at their City limits.

I am trying to coordinate a bulk purchase of MODOT approved signs that say "Purple Heart City" and display the Purple Heart. Each sign measure 24"X30". I am attaching an illustration.

This is not a fund raising effort. Neither the State Military Order of the Purple Heart nor any of its Chapters receives profit from the sale of the signs.

The quoted price of a single sign is \$198.60, but with sufficient orders, I can purchase them for about \$100 and distribute them to the participating cities. Each City would be responsible for the installation. Posts and hardware do not come with the sign.

Please contact me if you are interested in this proposal. Please inform me of the number of signs you would require. My e-mail address is:

jdismerjd@aol.com

Phone (417) 848-1888.

We also offer a Out Door 3FtX5FT Purple Heart Flag FOR \$70.00

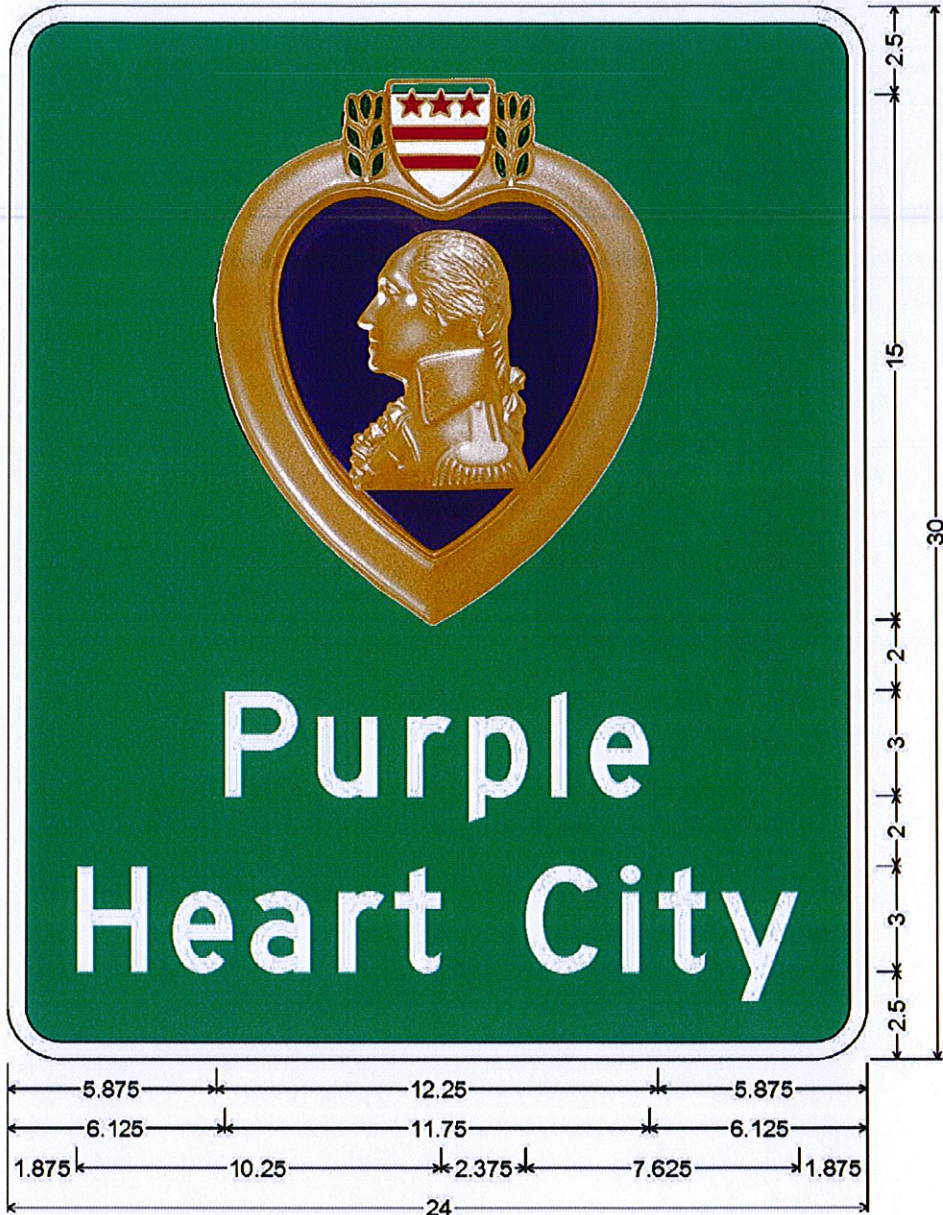
Sincerely,

John D. Dismer

Missouri State Adjutant,

Military Order of the Purple Heart

Attachment: Purple Heart City Sign (1663 : Purple Heart City Sign)



1.500" Radius, 0.500" Border, White on Green;
"Purple" D 80% spacing; "Heart City" D 80% spacing;
Table of letter and object lefts.

5.875								
P 6.125	u 8.625	r 11.125	p 12.875	l 15.125	e 16.250			
H 1.875	e 4.625	a 6.750	r 9.250	t 10.750	C 14.500	i 17.125	t 18.250	y 19.875



STAFF REPORT

TO: Public Works Committee
FROM: Jerry Gibbs, Director
DATE: November 24, 2014
SUBJECT: PrePurchase Filter Media & Equipment

Type of Item: *Purchase*

BACKGROUND - Agreement was approved authorizing Burns and McDonnell to design the improvements for the water treatment plant. The agreement had two phases. Phase 1 was the design and replacement of the filter, drains and backwash system and Phase 2 was the design of the remainder of the improvements. Burns and McDonnell was given the go ahead to proceed with Part 1. The current filter media is out of compliance with State standards. And the backwash process is inadequate to properly wash/clean the filters. The goal is to have the filter improvements in place by early summer 2015. The underdrains and media retention caps, media, and air scour blower have a long lead time to secure. This required pre-purchase of the equipment and bid the installation separate. The equipment is anticipated to cost approximately \$180,000. The City's purchasing policies were followed with a notice to bidder and posting of the RFP for *Pre-qualified manufacturers for the purchase of filter rehabilitation equipment and media for their 3.0 MGD water treatment plant* at City Hall.

ISSUE - Bids are being received on 12/2/14 at 2 PM. Burns and McDonnell will be reviewing the bids. The results of the bids will be made available to the Committee at the meeting. The total filter replacement project is estimated at \$1.2M. Phase 2 design will be begin when financing is secured.

Council Bill No.

Resolution No.

PrePurchase Filter Meda & Equipment



STAFF REPORT

TO: Public Works Committee
FROM: Eric Patterson, Asst. Director
DATE: November 25, 2014
SUBJECT: Curb & Gutter/Sidewalk Policy

Type of Item: *Presentation***Purpose:**

Curb, guttering and sidewalk have a way of tying together neighborhoods and making the neighborhood a more desirable place to live. The City of Harrisonville has established a program for installation of new and the repair and replacement of curb, guttering and sidewalk. Before staff has identified it for replacement. The Board of Aldermen has determined that the program will be offered to properties on a first come first serve basis. The Board of Aldermen should consider the funding of this program during the budget preparation each year. If funding is budgeted, the following procedure shall be used by staff unless otherwise approved by the Board of Aldermen.

The City's responsibilities under this program:

- Remove any existing curb, guttering and sidewalk and rough grade the site at no charge to the property owner.
- Repair damage to streets, at the city's sole discretion, caused by the construction of the new curb and gutter without charge to the property owner.
- Pay 50% of the installation costs for the curb, guttering, sidewalk, and stormwater materials by a contractor selected by the City.

The property owner's responsibilities under this program:

- Repair any damage to the lawn, landscaping, and/or irrigation systems owned by the property owner.
- *Pay 100% of the estimated cost of materials for the curb, guttering, sidewalk, stormwater materials and required ADA ramps by a contractor selected by the City prior to being placed on the project list. The estimated cost will be based on the estimated linear footage to be replaced and an estimated unit cost derived by the City Administrator.*
- Pay for 50% of the actual costs incurred for the installation of the curb, guttering, sidewalk, stormwater materials and required ADA ramps based on the bidder's unit price for construction and the actual linear footage installed adjacent to the property.

Process: Starting in July, the Street Superintendent will compile his priorities, all new requests,

and adds them to the existing list of requests that were not fulfilled in previous years. All requests (new and previously submitted) are reviewed and rated/re-rated according to one of three priorities as outlined below. After the list is prioritized, the project list is sent out for bid, a contract is awarded, and repairs are completed. The number of repairs/replacements depends both on the amount of funding available as well as the cost of the contract.

Priority One:

- Will be repaired as soon as reasonably possible
- A vertical settlement drop-off of two inches (2") or greater
- Curb that is holding more than four inches (4") of water

Priority Two:

- Will be repaired during the current fiscal year's bid.
- A vertical settlement drop-off of more than one (1) inch but less than two (2) inches
- A chipped or broken surface of seventy five percent (75%) to one hundred (100%) percent
- Significant chipping of over fifty percent (50%) of the surface area that is one half inch (1/2") to one inch (1") deep
- Curb that is holding more than two inches (2"), but less than four inches (4") of water

Priority Three:

- Will be repaired as funding allows
- Cosmetic defects
- Curb holding less than two inches (2") of water

Examples of projects cost for residents paying:

Cost of material*/50% to be established each year

Or Set Dollar Amount - Example:

Curb cost per linear foot \$8.00

Cost of Sidewalk per linear foot \$7.00

ADA ramp \$480 required at public street intersections

Culverts for storm water \$12 per linear foot

Council Bill No.

Resolution No.

**Policy City of Harrisonville Curb, Guttering and Sidewalk Repair & Replacement
Prioritization Program**



STAFF REPORT

TO: Public Works Committee
FROM: Eric Patterson, Asst. Director
DATE: November 24, 2014
SUBJECT: Monthly Airport Report

Type of Item: *Presentation***Hangar and Tie Down Space:**

- All Hangars are Full, 14 people on the waiting list
- 7 Outside tie down spots available

Fuel:

- Potential jet fuel sales - approx. 250 gallons
- 100LL - our current price is \$5.46 per gallon
- Fuel prices in our service area:

Lee's Summit	\$5.26 per gal.
Butler	\$5.60 per gal.
Gardner	\$5.45 per gal.
Johnson County	\$6.40 per gal.
Grain Valley	\$5.52 per gal.

AVGAS Sales: (October 30 to November 24, 2014)

- | | | |
|---|--------------|-------------------|
| ▪ | Price | \$5.46 per gallon |
| ▪ | Gallons Sold | 316.86 gallons |
| ▪ | Revenue | \$1,730.05 |
| ▪ | Profit | \$215.46 |

Airport Fuel:

The Dept. of Agriculture has tested and certified the aviation fuel pump meter, no calibration was needed.

Phillips 66 performed a quality control review and found no major problems or errors with the

fuel storage, dispensing, testing or record keeping operations at the airport.

The price of Avgas is fluctuating but is continuing to fall overall. The last load of fuel for the year will be ordered as soon as the price stabilizes or the fiscal year ends.

Automated Weather Observation System:

On Monday the 17th the AWOS system was not functioning during a routine check, upon further investigation it was discovered that all system monitors were not reporting. The main motherboard for the reporting system has broken and is not repairable on site. MoDOT will be paying for the repairs and has authorized the necessary part to be ordered but it will take 3-4 weeks to receive the part.

A. Discussion Item (ID # 1667)

November 2014 Airport Report James Green, Airport Manager

Attachments:

Potential Jet Fuel Sales (PDF)