Regular City Council Meeting August 27, 2012 Agenda

- 7:30 p.m. Call to Order Pledge of Allegiance Roll Call Approval of Agenda Minutes – August 13, 2012 (not available) Public Comment:
 - I. Old Business
 - 1. None

II. New Business

- 1. Pumpkinfest Parade
- 2. Pumpkinfest 2012 Downtown Road Closures
- 3. Purchase of Kaeser Blower
- 4. Purchase of Narrowband Radios
- 5. HRC 2012 Street Project
- III. Manager's Report
- IV. Council Comments
- V. Adjournment

AGENDA NOTE

New Business: Item #1

MEETING DATE: August 27, 2012

PERSON PLACING ITEM ON AGENDA: Police Chief

AGENDA TOPIC: Pumpkinfest Parade

EXPLANATION OF TOPIC: A request was received for a permit for the Pumpkinfest Parade and associated road closures planned for September 29, 2012 from 10:00 a.m. to 11:30 a.m.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS: Parade application, map, certificate of insurance, Road Closure Approval form, memo from Chief Collins.

POSSIBLE COURSES OF ACTION: Approve/do not approve the requested road closure.

RECOMMENDATION: Approve the requested closures.

SUGGESTED MOTION: Motion by ______, supported by _______, Resolved That Julie Zemke, City Clerk/Treasurer is hereby authorized to make application to the Road Commission for Oakland County on behalf of the City of South Lyon in the County of Oakland, Michigan for the necessary permit to conduct the Pumpkinfest Parade on September 29, 2012 at 10:00 a.m. and the related street closures:

Pontiac Trail from 9 Mile Road to Liberty Street; West Liberty St. from Lafayette to Warren St.; Warren St. from West Liberty St. to Bartlett Elementary School

And that the City of South Lyon in the County of Oakland, Michigan will faithfully fulfill all permit requirements, and shall save harmless, indemnify, defend, and represent the Board against any and all claims for bodily injury or property damage, or any other claim arising out of or related to operations authorized by such permits as issued.

SOUTH LYON POLICE DEPARTMENT

Lloyd T. Collins Chief



Memorandum

To: David Murphy, City Manager

From: Chief Lloyd T. Collins

Subject: 2012 Pumpkinfest Parade

Date: August 22, 2012

I have received a permit request for the annual South Lyon Area Pumpkinfest Parade, which is scheduled for Saturday, September 29, 2012, at 10:00 a.m. I have reviewed the proposed route, and find that it is similar to last year. The parade line-up is planned for Lyon Trail Subdivision in Lyon Township. The starting point of the parade will be Lyon Trail at Pontiac Trail. The parade will proceed north on Pontiac Trail, turn left on West Liberty, and proceed through side streets, ending in the vicinity of Bartlett Elementary School.

I have approved the request and have so notified the organizers. The Police Department will work closely with event organizers, city staff, and the Oakland County Sheriff's Office to facilitate a safe and successful Pumpkinfest. I have attached a copy of the application and approval, (plus the certificate of insurance), for your review and for inclusion on the City Council agenda relative to the necessary road closures.

c: Lt. Steve Sharpe

Bob Martin, DPW Superintendent Julie Zemke, Clerk/Treasurer Chief Mike Kennedy, SLFD

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SOUTH LYON POLICE DEPARTMENT

Roc 08/09/12

219 Whipple South Lyon, Michigan 48178 Ph: (248)437-1773 / Fax: (248)437-0459 Lloyd T. Collins Chief of Police

PARADE / DEMONSTRATION APPLICATION

Date Application Submitted: August 8, 2012 Requested Date of Event: Sept 29, 2012 IVan
Applicant Contact's Name: Alexandra Clark PH #: 248 640 6719
Applicant Address: 417 5. Lafayette, South Lyon, MI 48178
Business / Organizations Name (if Applicable): <u>South Lyon Pumpkinfest - Parade Committee</u>
Bus, Ph#: Bus, Address:
President /CEO (Responsible for Event) Direct Ph#: Direc
Parade START Time: 10:00 a.m./ p.m. Parade END Time: 11:30 a.m. p.m.
Approximate Number of PERSONS: Organization Names:
100 Units
Approximate Number of VEHICLES: Types of Vehicles:
Approximate Number of ANIMALS: SPECIFIC Animals:
Amount of space to be maintained between and /all units in Parade:
Route to be traveled (Include Street Names and Turning Directions):
Line up location is Lyon Trail Subdivision in the township. Parade
enters city at Nine mile and continues north into the downtown.
Left on Liberty st then right on warren st. with end at Bartlott Elom.
Parade floats to dispurse using Liberty, Lake, whipple and second sts.
Applicant's SIGNATURE Responsible Party's SIGNATURE
APPROVED [V] DENIED [] <u>How T. Collins</u> 08/22/12 (for (ity of South Lyon Jurisdiction)



South Lyon Pumpkinfest Parade Committee 417 S. Lafayette St. South Lyon, MI 48178

August 7, 2012

Mayor Tedd Wallace and Members of City Council City of South Lyon 335 S. Warren St. South Lyon, MI 48178

Dear Members of the Council,

The Pumpkinfest Parade Committee is interested in obtaining approval and assistance from the City to produce the second joint Township and City parade. Pumpkinfest this year is the last weekend in September. This means the parade is scheduled for Saturday September 29th, as was done last year we are using the township as a starting point for the parade.

The committee is proposing the use of public streets located in the Lyon Trail Subdivision located in the township as the starting point for this year's parade. We have the approval and cooperation of the Lyon Trail Homeowners Association. The Lyon Township Board has received the same request which will be in front of the Township Board for approval of the use of Township streets. We are asking that Council approve the closure of Pontiac Trail from Nine Mile into downtown and forward said resolution to RCOC. Also the city streets as outlined on the attached map need to be closed for the duration of the parade. The committee has met with Chief Collins and we feel that the items of concern have been addressed, as in the past we expect to field approximately 30 volunteers to stage the lineup and help the police department in keeping the parade moving in an orderly fashion.

We feel this provides the perfect opportunity for the two communities to work together again to create another great Pumpkinfest Parade. The committee stands ready to meet with Supervisor Young, Sheriff's representatives and Chief Collins to complete the details and make this an outstanding community event.

Sincerely,

Committee Co-Chairs

Alexandra Clark and Philip Weipert

248-640-6719 248-486-1100



APPROVAL OF ROAD CLOSURES-

Motion by _____, supported by _____

Resolved That Julie Zemke, City Clerk/Treasurer is hereby authorized to make application to the Road Commission for Oakland County on behalf of the City of South Lyon in the County of Oakland, Michigan for the necessary permit to conduct the <u>Pumpkinfest Parade</u> on <u>September 29, 2012</u> at <u>10:00 a.m.</u> and the related street closures: <u>Pontiac Trail from 9 Mile Road to Liberty Street.</u>

And that the City of South Lyon in the County of Oakland, Michigan will faithfully fulfill all permit requirements, and shall save harmless, indemnify, defend, and represent the Board against any and all claims for bodily injury or property damage, or any other claim arising out of or related to operations authorized by such permits as issued.

VOTE:

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of South Lyon, County of Oakland, State of Michigan, at a regularly scheduled meeting of ______, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said act.

Julie C. Zemke City Clerk/Treasurer

AGENDA NOTE

New Business: Item #2

MEETING DATE: August 27, 2012

PERSON PLACING ITEM ON AGENDA: Police Chief

AGENDA TOPIC: Pumpkinfest 2012 – Downtown Road Closures

EXPLANATION OF TOPIC: A request was received for a permit for the Pumpkinfest Downtown Event and associated road closures planned for Friday, September 28, 2012 at 11:00 a.m. until Sunday, September 30, 2012 at 8:00 p.m.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS: application, map, sign-off list, memo from Chief Collins, insurance certificate, road closure resolution.

POSSIBLE COURSES OF ACTION: Approve/do not approve the requested road closures.

RECOMMENDATION: Approve the requested closures.

SUGGESTED MOTION: Motion by _____, supported by _____

Resolved That Julie Zemke, City Clerk/Treasurer is hereby authorized to make application to the Road Commission for Oakland County on behalf of the City of South Lyon in the County of Oakland, Michigan for the necessary permits to conduct the Pumpkinfest Downtown Event from September 28, 2012 until September 30, 2012 and the related road closures: Lafavette Street between Liberty Street and Whipple Street; Lake Street between Wells Street and Washington Street; from 11:00 a.m. on September 28, 2012 until 8:00 p.m. on September 30, 2012.

and that the City of South Lyon in the County of Oakland, Michigan will faithfully fulfill all permit requirements, and shall save harmless, indemnify, defend and represent the Board against any and all claims for bodily injury or property damage, or any other claim arising out of or related to operations authorized by such permits as issued.

SOUTH LYON POLICE DEPARTMENT

Lloyd T. Collins Chief of Police



Memorandum

To: David Murphy, City Manager From: Chief Lloyd T. Collins Subject: Pumpkinfest 2012 – Downtown Event/Road Closures Date: August 22, 2012

I have received a permit request for the above-mentioned event. The road closures for the downtown event are scheduled from 11:00 a.m. on Friday, September 28, 2012 until 8:00 p.m. on Sunday September 30, 2012.

The Police Department will work closely with event organizers and city staff to facilitate the event and control traffic. Therefore, I have approved the event and have so notified the organizers. I have attached a copy of the application and approval for your review, and for inclusion on the City Council agenda, relative to necessary road closures.

c: Lt. Steve Sharpe Julie Zemke, Clerk/Treasurer Bob Martin, DPW Mike Kennedy, Fire Chief



APPROVED [

SOUTH LYON POLICE DEPARTMENT

Rec. 08/22/12

219 Whipple South Lyon, Michigan 48178 Ph: (248)437-1773 / Fax: (248)437-0459 Lloyd T. Collins **Chief of Police**

BLOCK PARTY APPLICATION

Date Application Submitted: 8/21/12	Requested Block-off Date: <u>9 /28 / 12 - 9 /3</u> 0
Applicant / Contact's Name: Scott R. Black, President Applicant Address: P.O. BOX 696 SOUTH LYON, MI 18178	South Lyon PH #: 298-207-2035
Block-off Time: 11:00 am 9/28/12	Block-off removal Time: <u> </u>
Street Names to be blocked off: Lafaye the between	
Lake Street between Wells & allexinky	r behind South Lyon Herald
(see attached)	
See attained	
ATTACH sheet of paper with SIGNATURES and ADDRESSES	
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Altria

08/22/12

Lloyd T. Collins, Ohlef of Police

DENIED []



2012 Pumpkinfest Road Closure Approval (Friday, Saturday & Sunday)

Friday, Saturday and Sunday, September 28 - 30, 2012

The road will be closed at 11:00 a.m. on Friday. September 28 and re-open at 8:00 p.m. on Sunday. September 30, 2012. Closure of Lafayette Street between Liberty and Whipple. Closure of Lake Street between Wells and the alleyway behind the South Lyon Herald.

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Speciality Medicine	116 N. Lafayette	RACHEL CARTER ROSS	ments prod
Phillips Travel Service	110 N. Lafayette	Kerstin Mulline Kie	H. Phylor
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Jan's Skin Spa	105 N. Lafayette	CASI ele	



Fumpkinfest

2012 Pumpkinfest Road Closure Approval (Friday, Saturday & Sunday)

Closure of Lake Street between Wells and the alleyway behind the South Lyon Herald. The road will be closed at 11:00 a.m. on Friday, September 28 and re-open at 8:00 p.m. on Sunday, September 30, 2012. Closure of Lafayette Street between Liberty and Whipple. Friday, Saturday and Sunday, September 28 – 30, 2012

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Kathleen's	131 N. Lafayette	KATHLEEN NCFUL	L'Andrally	
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2012 Pumpkinfest Road Closure Approval (Friday, Saturday & Sunday)

Friday, Saturday and Sunday, September 23 – 30, 2012 Closure of Lafayette Street between Liberty and Whipple. Closure of Lake Street between Wells and the afleyway behind the South Lyon Herald.

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Motion by _____, supported by

Resolved That Julie Zemke, City Clerk/Treasurer is hereby authorized to make application to the Road Commission for Oakland County on behalf of the City of South Lyon in the County of Oakland, Michigan for the necessary permits to conduct the Pumpkinfest Downtown Event from September 28, 2012 until September 30, 2012 and the related road closures: Lafayette Street between Liberty Street and Whipple Street; Lake Street between Wells Street and Washington Street; from 11:00 a.m. on September 28, 2012 until 8:00 p.m. on September 30, 2012.

and that the City of South Lyon in the County of Oakland, Michigan will faithfully fulfill all permit requirements, and shall save harmless, indemnify, defend and represent the Board against any and all claims for bodily injury or property damage, or any other claim arising out of or related to operations authorized by such permits as issued.

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of South Lyon, County of Oakland, State of Michigan, at a regularly scheduled meeting of August 27, 2012, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said act.

Julie C. Zemke City Clerk/Treasurer

AGENDA NOTE

New Business: Item #3

MEETING DATE: August 27, 2012

PERSON PLACING ITEM ON AGENDA: Robert J. Martin, Water/Sewer Department Superintendent

AGENDA TOPIC: Purchase of Kaeser Blower Replacement

EXPLANATION OF TOPIC: The way we treat our wastewater is through biological reduction with the addition of oxygen. The oxygen is supplied by four large 125 HP mechanical Kaeser blowers. These large pieces of equipment alternate run time of 24 hours per day, 7 days per week. Although we perform daily maintenance breakdowns still occur. When this occurs the manufacturer representative helps service the failed equipment. Most times blowers can be repaired, however other times repairs would exceed the cost of a new blower. Currently Kaeser blower #1 needs to be replaced. The cost of this blower is \$9,874.00. We must purchase this Kaeser blower from Professional Pump, Inc. as they are the only supplier in this surrounding region.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS: Quote for new Kaeser blower from Professional Pump Inc. for \$9,874.00.

POSSIBLE COURSES OF ACTION: Approve/deny the purchase of new Kaeser blower.

RECOMMENDATION: Approve purchase of new Kaeser blower from Professional Pump Inc. in the amount of \$9,874.00.

SUGGESTED MOTION: Motion by _____, supported by ______, to approve the purchase of new Kaeser blower from Professional Pump Inc. in the amount of \$9,874.00.

Pumps, Pump Repair, Filtration & Fluid Handling Accessories ISO 9001 :2008 Certified



GRAND RAPIDS 9150 Byron Center Ave SW Byron Center, MI 49315 Office 616.583.0007 Cell 616.329.5745 * Email tmisiak@professionalpump.com DETROIT 41300 Coca Cola Drive Belleville, MI 48111 Office 734.394.7878 Fax 734.394.7867 Toll free 888.770.PUMP

www.professionalpump.com

Quote Number	Quote Date	Payment Terms		FOB	· · · · · · · · · · · · · · · · · · ·
TM122507-K	aeser 7/25/2012	Standard Net 3	30 Days	Shipping point	
Customer PO:			Mark #:		
R Wa D 235 Sou B US, Y		Ph: 248-486-0740	City of South Water/WWT 23500 N Dixi South Lyon, USA O	⊳ boro Rd MI 48178	
			QUANTITY	UNIT PRICE DISCOUNT	NET UNIT PRIC
OME KAESER (FLANGES STANDAF We hope th you have an not hesitate For more in www.profe	CUSTOMER TO REI CLEADTIME the above meets with your ny questions or need addi	approval, however should tional information, please do 1r website at <u>clude freight charges.</u>	1.00 EA	9,874.0000	9,874.0
	KAES OMEGA BLO	ER WERS			

Prices are valid for 30 days and subject to the Manufacturer's standard conditions of acceptance of orders.



MEETING DATE: August 27, 2012

PERSON PLACING ITEM ON AGENDA: Robert J. Martin, Water/Sewer Department Superintendent & DPW Director

AGENDA TOPIC: Water/Wastewater/DPW Mobile Radio Purchase

EXPLANATION OF TOPIC: The DPW and the Water Departments have two-way radios which we use for communication which are in each vehicle and department offices. Although the current radios work fine the FCC has mandated a new type of radio with narrowbanding requirements, which our radios will not accept. Advanced Wireless Telecom has supplied the City with radios and service for several years. We have received a quote for the purchase and installation of radios for the Water Department in the amount of \$4,400.00 and the DPW in the amount of \$7,030.00 from Advanced Wireless Telecom which will enables us to meet the required FCC deadline of January 1, 2013.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS: Understanding FCC Narrowbanding Requirements and Advanced Wireless Telecom Quote

POSSIBLE COURSES OF ACTION: Approve/deny the purchase of mobile radios.

RECOMMENDATION: Approve purchase of mobile radios for the Water Department and DPW from Advance Wireless Telecom.

SUGGESTED MOTION: Motion by _____, supported by to approve the purchase of radios from Advance Wireless Telecom.



49716 Martin Dr. Wixom, MI 48393. Phone: 248-295-4600. Fax: 248-295-2699

August 15th, 2011

City of South Lyon

Waste/Water & DPW Attn: Doug Buers 248-437-4006

Water/Waste Department - VX-2100/2200 Mobiles

Qty.	Description	Unit P	rice	Ext. Price
12 VX-2100 w/Spkr Mic & Mount	•	\$ 3	30.00 \$	3,960.00
12 VX-2200 w/Spkr Mic, Display & Mo	unt	\$ 3	70.00 \$	4,440.00

DPW - VX-2100/2200 Mobiles

Qty.	Description	Uni	t Price	J	Ext. Price
19	VX-2100 w/Spkr Mic & Mount	\$	330.00	\$	6,270.00
19	VX-2200 w/Spkr Mic, Display & Mount	\$	370.00	\$	7,030.00

Labor – Installation

Minimum of 8 trucks available per day.

\$75.00 per vehicle if we do not need to replace the coax.

- Replace antenna clean NMO mount
- Mount Radio
- Run New Power Cable
- Test radio and antenna

\$100.00 per vehicle if we need replace the coax + the coax kit and connector.

- Replace antenna clean NMO mount
- Mount Radio
- Run New Power Cable
- Test radio and antenna
- Replace Coax Kit

This quotation is valid for 60 days. All Mobiles come with mounts but if additional mounts are need please let me know. Also if you would like I can quote you cost of replacing the antennas and coax kits. Should you have any additional questions, please let me know.

Respectfully,

Kelly McGuigian

Advanced Wireless Telecom



49716 MARTIN DR. WIXOM, MI 48393. PHONE: 248-295-4600. FAX: 248-295-2699

Understanding FCC Narrowbanding Requirements

Key Points: FCC Narrowbanding Requirements

- The Federal Communications Commission (FCC) has mandated that all non-Federal public safety licensees using 25 kHz radio systems migrate to narrowband 12.5 kHz channels by January 1, 2013.
- Agencies that do not meet the deadline face the loss of communication capabilities.
- Agencies need to start planning now to migrate to narrowband systems by assessing their current radio equipment and applying for new or modified licenses.

Overview



Figure 1: Narrowband channels allow additional channels to exist in the same spectrum.

Private land mobile radio (LMR) systems—including municipal government and State and local public safety systems—use blocks of radio spectrum called channels. Historically, LMR systems have used 25 kHz-wide channels. In December 2004, the Federal Communications Commission mandated that all private LMR users operating below 512 MHz move to 12.5 kHz narrowband voice channels and highly efficient data channel operations by January 1, 2013. This migration complements a National Telecommunications and Information Administration mandate for more rapid Federal agency migration to 12.5 kHz narrowband operation by January 1, 2008. The earlier Federal deadline affects State and local FCC licensees that interface or share frequencies with Federal radio systems.

Using narrowband channels will ensure that agencies take advantage of more efficient technology and, by reducing channel width, will allow additional channels to exist within the same spectrum space, as illustrated in figure 1.

Deadlines

To phase in the migration deadline of January 1, 2013, the FCC has established interim deadlines. The first important deadline is January 1, 2011, after which:

- The FCC will not grant applications for new voice operations or applications to expand the authorized contour of existing stations that use 25 kHz channels. Only narrowband authorizations will be granted.
- The FCC will prohibit manufacture or importation of new equipment that operates on 25 kHz channels. This will reduce the availability of new equipment for legacy radio systems and will affect how agencies maintain and upgrade older systems.

Planning for the Move to Narrowband

School districts need to aggressively develop a strategy to meet narrowband deadlines to avoid cancellation of existing wideband FCC authorizations. Although the migration deadline may seem far off, the long lead time and interim deadlines make it necessary for agencies/facilities to plan well in advance.

Assess current equipment and start planning to prepare for the migration, school districts should start assessing their radio systems and planning for replacements or upgrades. They should inventory their current equipment to ascertain what can be converted to 12.5 kHz and what will need to be replaced before January 1, 2013. Most new equipment has the capability for both 25 kHz and 12.5 kHz operation because any VHF/UHF radio equipment accepted by the FCC after February 14, 1997, had to have 12.5 kHz capability. Some newly release radios have the capability for 6.25 kHz. Keep this in mind since the FCC "strongly urges" license holders to consider migrating directly to 6.25 kHz by the January 1st, 2013 rather than adopting the 12.5 kHz first and then having to narrow band once again to the 6.25 kHz.

Obtain new or modified licenses to move to narrowband operations, agencies must apply for new frequencies or modify existing licenses. An agency that is licensed for a 25 kHz-wide channel is not guaranteed two 12.5 kHz channels. Licensees will have to justify to the FCC why they need additional channels. Consideration of applications for new narrowband licenses will follow the same process as a new license application. As agencies migrate to narrowband operation, however, the pool of available frequencies will increase.

AGENDA NOTE

New Business: Item #5

MEETING DATE: August 27, 2012

PERSON PLACING ITEM ON AGENDA: Manager

AGENDA TOPIC: Discussion of HRC's cost for service on the 2012 Street Improvement Project

EXPLANATION OF TOPIC: The City Council inquired as to the cost of services for the Engineer's construction oversight. Please see memo from Jesse VanDeCreek.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS: Memo from Jesse VanDeCreek, agreement for services signed on June 14, 2012, estimated summary of costs, bid tabulation and copy of page 5 of the June 11, 2012 Council Meeting minutes showing where Council approved the agreement with HRC in the amount of \$76,900.

POSSIBLE COURSES OF ACTION: Approve/do not approve the revised cost estimate from HRC for engineering services for the 2012 Road Project.

RECOMMENDATION: Approve the revised cost estimate from HRC for engineering services for the 2012 Road Project.

SUGGESTED MOTION: Moved by, ______ seconded by, ______ to approve (or deny) the revised cost estimate from HRC for engineering services for the 2012 Road Project.



HUBBELL, ROTH & CLARK, INC Consulting Engineers

Memorandum

To: David Murphy

From: Jesse B. VanDeCreek, P.E.

Date: August 22, 2012

Subject: 2012 Street Improvements Program

HRC Job No. 20120347

The HRC proposal dated June 7, 2012 for the 2012 Street Improvement Project was approved by City Council at the regular meeting held on June 11, 2012 and is based upon the work at the following six (6) locations throughout the City:

- **E. Liberty** from Reese to Reynolds Sweet
- Reese Extension from E. Liberty to Terminus
- Hagadorn from 10 Mile Rd. to 110' north
- Chester from Hagadorn to 60' west
- Warren from Whipple Blvd. to 2nd Blvd.
- Stanford at Vassar Intersection

The Construction Engineering (CE) Fee can be adjusted Post-Bid to account for a reduction in the Resident Representative cost <u>only</u> as shown in *italics* below:

Pre-Bid CE			Post-Bid CE		
Quality Control	\$	6,100.00	Quality Control	\$	6,100.00
Resident Representative	\$	12,000.00	Resident Representative	Š	6,600.00
Construction Engineering	\$	10,700.00	Construction Engineering	\$	10,700.00
Construction Layout	<u>\$</u>	8,200.00	Construction Layout	\$	8,200.00
Total	\$	37,000.00	Total	\$	31,600.00

The CE Fees for the Quality Control, Construction Engineering and Construction Layout efforts are fixed based upon the necessary field and administrative engineering work that must be performed at each of these six (6) locations regardless of the overall Construction Cost. The Post-Bid CE % of the overall Construction Cost is at 29.6% due solely to the very low bid price submitted by T & M Asphalt. In comparison, the CE % of the overall Construction Cost is 18.4% of the highest bidder and is 13.2% of the original project estimate.

The budgeted fee for the Resident Representative can be adjusted Post-Bid only because that number is based upon the average number of Field Observation "Crew Days" as bid by the responsive bidders for the subject project.

ECUTED CONTRACT

HUBBELL, ROTH & CLARK, INC Consulting Engineers

Principals George E. Hubbell Thomas E. Bichi Walter H. Alix Peter T. Roth Michael D. Waring Keilh D. McCormack Nancy M.D. Faught Daniel W. Milchell

Sentor Associates Gary J. Trassal Lawrence R. Anoypa Kennath A. Meichior Rendai L. Ford David P. Wilcox Timothy H. Sullivan Associates Jonainan E. Boolh Michael C. MacDoneld Marvin A. Olane William R. Davis Jasse B. VanDaCreek Robert F. DeFrain Marahall J. Grezioll Thomas D. LaCross Dennis J. Banoti James F. Burton Jene M. Graham Donna M. Mailin Cherles E. Hort

June 7, 2012

City of South Lyon 335 South Warren South Lyon, MI 48178

Attention: Mr. David M. Murphy, City Manager

Re: 2012 Street Improvements Program Proposal for Professional Engineering Services

HRC Job No. 20120347.02

Dear Mr. Murphy:

At your request, we have reviewed the limits of the proposed 2012 Street Improvement Program. Our understanding of the project is based upon field meetings and conversations with City staff. Below are the streets slated for repair in the next fiscal year:

- E. Liberty from Reese to Reynolds Sweet
- Reese Extension from E. Liberty to Terminus
- > Hagadorn from 10 Mile Rd. to 110' north
- Chester from Hagadorn to 60' west
- ▶ Warren from Whipple Blvd. to 2nd Blvd.
- Stanford at Vassar Intersection

We understand that the City wishes to repair existing deteriorated conditions and or upgrade the roadway cross-section of the subject streets in an effort to meet the minimum criteria that are outlined in the City of South Lyon Standard Engineering Specifications. Note that this estimate does not include any sanitary sewer or water main related utility work.

We have prepared a preliminary construction cost and total project cost estimate that includes the following items of work:

- E. Liberty 2" Mill and overlay of existing deteriorated bituminous patches between Reese and Reynolds Sweet. In addition, a quantity of existing asphalt joints and pavement cracking will be cleaned and sealed.
- 2. Reese Extension Pulverize (E. Liberty to terminus) the existing deteriorated pavement from edge to edge and re-shape the roadway using pulverized material to provide the minimum 2% cross-slope per the City's Standards Cross-Section.

C:\Documents and Settings\dmucphy.CITYOFSOUTHLYON\Local Settings\Temporary Internet Files\Content.Outlook\1057P73001Lir.docx

Mr. David Murphy, City Manager June 7, 2012 HRC Job Number 20120347 Page 2 of 4



- 3. Hagadorn Pulverize (Lake St. to 110' north) the existing pavement from curb to curb and re-shape the roadway using the pulverized material to provide the minimum 2% cross-slope per the City's Standards Cross-Section. Two drive approaches will be removed and repaired to match new bituminous pavement.
- 4. Chester Pulverize (Hagadorn to 60' west) the existing pavement from edge to edge and re-shape the roadway using the pulverized material to provide the minimum 2% cross-slope per the City's Standards Cross-Section. Repair the existing shoulder (south side) as necessary.
- 5. Warren Pulverize (Whipple to 2nd Blvd.) the existing pavement from edge to edge and re-shape the roadway using the pulverized material to provide the minimum 2% cross-slope per the City's Standards Cross-Section. Repair the existing shoulder as necessary. Re-stripe the existing pavement markings.
- 6. Stanford -- Saw-cut the existing integral concrete pavement at the curbs to create a curb joint for milling operations. Repair the existing joints and pavement cracks per MDOT standard details. Mill the existing bituminous and concrete pavements to the new curb joints. Overlay the milled roadway with a bituminous overlay which meets Standard Engineering Specifications. Outside of the mill and overlay repair area a quantity of existing concrete joints and pavement cracking will be cleaned and sealed.
- 7. All locations In order to make necessary base improvements a cost has been provided for the removal and replacement of a portion of the existing pavement sub base section with undercutting. The actual quantities will be determined during the design phase.

Based upon our preliminary project cost estimates, the following Table 1 is a summary that reflects the preliminary apportionment of costs that will be incurred to each of the City budgets for streets, water and sewer improvements, respectively.

	Streets	Water	Sewer
Apportioned Construction Cost =	\$216,000.00		\$0
Construction Cost Percentages =	100.00%	0%	0%
Apportioned Contingency Fees (10.00%) =	\$21,600.00	\$0	\$0
Apportioned Engineering Fees =	\$76,900.00	\$0	\$0
Total Apportioned Costs =	\$314,500.00	\$0	\$0

Table 1:

Attached herewith, please find the itemized preliminary apportionment and project cost estimates for construction of the improvements as illustrated herein.

Our fees for this project would be based on providing preliminary engineering, design, bidding and construction engineering services, as well construction observation. Our tasks can be summarized as follows:

Develop preliminary engineering evaluation of the most cost-effective method of construction.

Mr. David Murphy, City Manager June 7, 2012 HRC Job Number 20120347 Page 3 of 4

HRC HRC

- Collect field data of the existing street, sewer, water main, sidewalk, and topographic information necessary to prepare construction drawings.
- Prepare construction drawings and specifications.
- Prepare a final estimate of construction cost for the Owner's review.
- Prepare applications for necessary Oakland County Soil Erosion Control permit.
- Distribute plans for bidding, review bids, and make recommendation of award to the City.
- Provide field layout including street grade stakes and cut sheets.
- Provide construction engineering services including review of contractor pay estimate requests, change orders, interpreting the construction documents for the contractor, and keeping the City informed of the progress of the work.
- Provide materials testing services for quality control including compaction testing for road subbase and subgrade, utility bedding, bituminous density and extraction testing and reports, concrete curb and gutter compressive strength and mix design verification.
- Provide a field observer to observe the construction of the work and to report to the City on the progress of the work.

Fees for these services would be as follows:

ltem	Cost
Preliminary Engineering	\$ 3,000.00
Topographic Survey	\$ 12,000.00
Design Services	\$ 24,900.00
Quality Control	\$ 6,100.00
Resident Representative	\$ 12,000.00
Construction Engineering	\$ 10,700.00
Construction Layout	\$ 8,200.00
Total	\$ 76,900.00

The cost for Resident Representation is based on an estimated 30 days for a construction observer to be on the site. We will include in the construction bid an item for "Field Observation Crew Days." This item will make the contractor subject to additional resident representative costs incurred due to delays caused by the contractor. The fees for as-built construction drawings are not included since the scope of this project is currently limited to roadway surface improvements.

Fees will be involced monthly and based on our cost times a 2.8 multiplier in accordance with our contract with the city. The total fee for the design and construction engineering services as described herein is \$76,900 and will not exceed that amount without your written prior authorization. If this proposal is deemed acceptable to the City, please sign and return one copy to this office and retain one for your files. Thank you for the opportunity to serve the City on this project.

BED TABULATION 2012 STREET IMPROVEMENT PROGRAM CITY OF SOUTHLYON OAKLAND COUNTY, MICH6GAN

Bids Duc: July 24, 2012 HRC Job # 20120347

, | .

VO O	OAKLAND COUNTY, MICHICAN												
				BIDDER NO. 1 T & M Asphalt Paving, Inc. 4755 Old Plank Road Milford, MI 48381-4066	ing, Inc. 1 066	BIDDER NO. 2 Paver Corporation 2654 Van Hom Road Trenton, MI 43183	on Radd 3	BIDDER NO. 3 Asphalt Specialists Inc. 1780 E. Highwood Pomiae, MI 48340	s Inc.	BIDDER NO. 4 Florance Cement Company 12585 23 Mile Road Shelby Twp., MI 48315	Company d 3315	BIDDER NO. 5 Cadillac Asphalt, LLC 41777 West 12 Mile Road Wixont, MI 48393	LLC • Road
I	Item	Quantity	à	Unit Price	Total Cost	Unit Price	Total Cost	Utuit Price	Total Cost	Unit Price	Toral Cost	Unit Price	Total Cost
ı.	Pulverize & Share Bituminous Pavernett	2650	pva	S5.50	\$14 575.00	00 25	810 600 00	9963	SK ROUT	8	00 326 QL\$		
~	Mill Existing Rithmingue Pagement	280		5	CU VUV LA	02.12 SK 30	e1 764 00	3 1 8					20,665,012
l m	Mill Existing Concrete Pavement	885	, in	00 SM		02.98		2.22	00 000 TC	00.024	57,000.00	22	SI,470.00
4	Pavement Removal Full Denth	213		20 00	00 2 10 IS	04.02	50 COD 50			510.00	00.008,06	26.20	83,596.00
ŝ	Saw-cut Cuth & Gutter Joints	8	÷4	8.6	00 9958	8.8	00 9953	SA DO	00.051,256	00114	00'051'25	S18.00	X3,X34.00
\$	Route, Clean, Seal and Hot Poured	1066	<u>ب</u>	\$2.50	\$2,665.00	82.83	\$3.080.74	202	53 731 00		05/000	22.26	05/0/3
	Sealant									011000			n7'11+'co
7.	MDOT R-44-E, Detail 7 Joint Repair	150	tt	\$10.00	500.00	\$15.00	\$2,250.00	S10.00	\$1,500.00	00.62	S1 350 00	\$6 00	00,000
ø	MDOT R-44-E, Detail 8 Joint Repair	<u> </u>	đ	\$15.00	\$975.00	\$20.00	\$1,300.00	S18.00	\$1.170.00	\$20.00	S1 300 CD	00.85	00.0053
6	Subgrade Undercut w/1" x 3" Crushed	ğ	ton	\$30.00	39,060.00	528.50	\$11,627.00	S32.00	\$9,664.00	241.00	\$12,382,00	00 025	S11 778 00
	Stone (ass needed)						•						0000 1 1 to th
0	Geogrid (Tensar BX-1300), as needed	616	syd	\$5.50	\$5,054,50	\$5.00	\$4,595,00	\$5,00	S4.595.00	SB 50	\$3,216,50	5155	54 737 85
11.	6" Concrete Driveway Approach	88	syd	\$50,00	\$3,400.00	00.952	\$2,652.00	S80.00	\$5,440.00	260.00	C4 080 00		
2	Brhuminous Mix No. 1500T, Wearing	313	ţ	\$71.00	\$22,223.00	579.00	\$24,727.00	\$76.00	\$23,788.00	2100.00	S31 300.00	00 525	00 078 223
	Course												
Ц.	Bituminous Mix No. 1500L, Leveling	218	텮	873.00	SI5,914.00	220.00	\$17,440.00	\$75.00	\$16,350,00	S100,00	SZ1.800.00	295.00	220,710,00
	Course												
14,	Shoulder Repair (wexcess material)	m	çyd	S75.00	\$225,00	\$100.00	\$300.00	\$30.00	S90.00	\$170.00	\$510.00	\$45.00	\$135.00
15.	21AA Aggregate Base	8	Ş	\$15.00	\$3,330,00	\$21.50	S6,773.00	\$18.00	00'966'ES	\$28.00	S6,216,00	\$18.00	23-996.00
16.	Adjust Structure (as needed)	φ	8	\$250.00	82,250.00	\$350,00	\$3,150.00	S425.00	\$25.00	\$325.00	\$2,925.00	\$500.00	S4.500.00
17.	Pavt Mrigg, Polyurra, 4 inch, Yellow	ğ	đ	52.65	<u>87,385.00</u>	<u>22</u> 63	22,367,00	02.33	\$3,150.00	\$2.60	\$2340.00	52.63	\$2,367.00
18.	Pavt Mirkg. Polyurea, 4 inch, White	710	đ	\$2.65	\$1,881.50	87.63	\$1,867.30	05°ES	\$2,485.00	52.60	S1.846.00	<u>87.63</u>	S1.867.30
<u>6</u>	Pavt Mrkg, Polyurea, Lt Tum Arrow Sym	ы	3	\$95.00	\$95.00	\$95.00	\$95,00	\$200.00	\$200.00	295.00	395.00	\$95.00	\$95.00
ส่	Pavr Mrkg, Polyurea, Thru Arrow Sym	- 1	ų	\$95.00	\$95.00	\$95.00	\$95.00	S200.00	\$200.00	\$95.00	395.00	\$95.00	\$95.00
21	Pavt Mritg, Polyurea, Only		y	S125.00	\$125.00	\$125.00	SI25,00	\$250.00	S250.00	\$125.00	\$125.00	\$125.00	S125.00
ห่	Surface Restoration w/Sod and 3" Topsoil	ľ	L.S.	\$1,000.00	\$1,000.00	\$2,000.00	82,000.00	\$5,500.00	\$5,500,00	\$1,800.00	\$1,800.00	89,500.00	00.002,68
ន	Soil Erosion Control	1	L.S.	\$500.00	\$500.00	S1,600.00	\$1,600.00	\$1,800.00	\$1,800.00	\$2,000.00	22,000.00	25,000.00	S5.000.00
2	Mobilization	1	ч. К	\$5,000.00	\$5,000.00	S6,000,00	\$6,000.00	\$2,800.00	\$2,800.00	S6.000.00	26,000.00	235,000.00	\$35,000.00
ห่	Maintaining Traffic	I	L.S.	\$2,500.00	500.00	\$1,000.00	\$1,000.00	83,000.00	33.000.00	35,000.00	\$5,000.00	\$9,705,00	20 705 00
Ŕ	Audio-Video Route Survey	1	L.S.	S1,400.00	\$1,400.00	S1,500.00	\$1,500.00	\$2,800.00	\$2,800.00	\$1,400.00	S1.400.00	S1 285 00	\$1,285.00
27.	Field Observation "Crew Days"	2290.00	Days	91	S3,900.00	15	\$55,850.00	ន	\$7,800.00	14	\$5,460.00	23	00.057,68
	TOTAL AMOUNT OF BASE BID				S106,836.00		S116,980,24		S118.671.00		\$136,980.00		SI 77, 193, 85
									•				

* Corrected By Engineer

ENGIVEER: Fabbell, Roch & Clark, Inc. 555 Hulet Drive P.O. Box 824 Ploomfeld Hills, MI 48083-0824 https://www.com/or.org/https://www.com/bin/bin/bin/

7/25/2012

Page 1

Councilman Kramer asked if any of these projects are in the DWRF area. Mr. VanDeCreek stated that some of the streets are. However, since we are now scaling down to 100'+/-, with trenchless technology, etc. he cannot say whether it would affect these patches or not. He stated that E. Liberty would be the most likely. He further discussed the work that is being proposed.

Councilman Kivell asked the anticipated life expectancy of these repairs. Mr. VanDeCreek stated that he would guess five years.

Councilman Kramer asked that if Council agrees on the list, what happens next. City Manager Murphy stated that it would be the agreement on the design. He further stated that he was hoping to get going on this so that we can go out for bid. If we do not like those bids, we can re-bid in the winter. We will need to bring a budget amendment back for this as well. Mr. VanDeCreek discussed the need to get Warren completed before school starts. He further stated that you also have to keep in mind that this is not the typical project that the City does and you are not going to have the economy of scale in this situation. This is piece meal. We have addressed the worst areas.

Discussion was held on the detail of each road. Mayor Walkace stated that he would have like to have seen patching from Wells up to Reese as well on the E. Liberty project. City Manager Murphy stated that there is never a true end.

Councilman Kramer asked Superintendent Martin if he is pleased with this list. Superintendent Martin stated that a lot of time has gone into this. We have been walking these streets. When you piece meal, you do not get exactly what you want. However, in this economy you need to address those areas that are heavily worn. We can get 5-6 years out of this, and who knows where we are going to be then. We are moving in the right direction here.

Councilman Kramer stated that he wants to make sure that we are not patching something that will need to be done again with the DWRF. Superintendent Martin stated that we will go back and look at that.

CM 6-10-12 - 2012 STREET IMPROVEMENT PROJECT

Motion by Kramer, supported by Wedell

To approve the proposed list of road projects as presented for the 2012 Street Improvement Project

City Manager Murphy asked if Council wished to also include the approval of the HRC agreement so that we can get started. It was stated that the maximum amount is \$76,900. City Manager Murphy stated that if it were to exceed, it would have to be with written authorization

Councilman Kramer amended the motion to include the agreement with HRC in the amount of \$76,900. Councilman Wedell supported.

VOTE:

MOTION CARRIED UNANIMOUSLY

The question was asked if we do not proceed with construction, is it still going to cost \$76,900. Mr. VanDeCreek stated that it has been broken down between construction and design.

7. Budget Amendments

City Manager Murphy stated that these are year-end budget amendments. He should have brought this on a quarterly basis because it is more difficult to do so many at the end of the year. He reviewed the changes including Michigan Tax Tribunal, retirees pay-out, over estimated interest income, the baseball fields, etc. These are still estimates and will not be exactly what will be in the audit.