

CITY OF TONGANOXIE
321 S. DELAWARE 913-845-2620
June 19, 2017
7:00 Regular Meeting



Honorable Jason K. Ward, Mayor
Council Members
Chris Donnelly James Truesdell
Curtis Oroke Andy Gilner Kara Reed

Open Regular Meeting – 7:00 p.m.

I. Pledge of Allegiance

II. Approval of Minutes – Regular Meeting dated June 5, 2017

III. Consent Agenda

- a) Review Bill Payments

IV. Open Agenda

“Members of the public are welcome to use this time to comment about any matter relating to City business. The comments that are discussed under Open Agenda may or may not be acted upon by the Council during this meeting. Please wait to be recognized by the Mayor, then **state your name and address** and all comments are to be directed to the chair.”

V. Old Business

- a) Consider approval of release agreement with landowners at 242 S. Whilshire Drive and 238 S. Whilshire Drive

VI. New Business

- b) Consider approval of retail sales of fireworks for Trieb’s T-Town Fireworks and Anthony Miller Fireworks
- c) Consider approval of waiver of building permit fee for Tonganoxie USD 464
- d) Consider approval of purchasing personal protective equipment for Fire Department from Conrad Fire
- e) City Manager Agenda
 - 1. May 2017 Financial Report
- f) City Attorney Agenda
- g) Mayor Agenda
- h) Mayor Pro Tem Agenda
- i) City Council Agenda

VII. Information & Communications (No Action Required)

VIII. Adjourn

City Council Meeting
June 5, 2017
7:00 p.m. Regular Meeting



Mayor Ward opened the meeting at 7:00 p.m. with the pledge of allegiance. Council members present were Jim Truesdell, Chris Donnelly, Andy Gilner, and Kara Reed. Curtis Oroke was absent. Also in attendance were City Manager George Brajkovic, Assistant City Manager Jamie Shockley, and City Attorney Shannon Marcano.

Approval of Minutes and Consent Agenda

- Ms. Reed moved to approve the minutes from May 15, 2017. Mr. Donnelly seconded. All ayes. Motion carried.
- Mr. Gilner moved to approve the Consent Agenda. Ms. Reed seconded. All ayes. Motion carried.

Open Agenda

Lawrence Hill, 1541 Fall Creek Drive, addressed the Council and thanked them for their service to the community.

New Business

Consider approval of retail sales of fireworks for Rockstar Fireworks and Garrett's Worldwide Enterprises

- Mr. Donnelly moved to grant a fireworks permit to Rockstar Fireworks and Garrett's Worldwide Enterprises. Mr. Truesdell seconded. All ayes. Motion carried.

Second Reading: Ordinance 1424: Approval of Preliminary Development Plan for Tonganoxie Business Park

- Mr. Brajkovic explained the preliminary development plan for the Tonganoxie Business Park. He called the council's attention to page 2, section 5, item E, which needed to be revised. He suggested an amendment regarding outside storage to 24 feet instead of 10 feet.
- Mary Gurgich, residing on Kansas Avenue, addressed the Council and expressed concerns regarding the development at the Industrial Park.
- Mayor Ward responded to Ms. Gurgich and stated that the City wanted to be a good neighbor and informed her that she can reach out to City Manager George Brajkovic if any issues arise throughout construction.
- Mr. Gilner moved to approve Ordinance 1424 for the preliminary development plan for Tonganoxie Business Park, with an amendment to Section 1, Roman Numeral 5, to read 24 feet. Mr. Donnelly seconded. All ayes. Motion carried.

Consider approval of final plat for Tonganoxie Business Park and Accept Dedication of Land for Public Purposes

- Mr. Donnelly moved to approve the final plat for the Tonganoxie Business Park. Mr. Gilner seconded. All ayes. Motion carried.

Consider approval of final plat for Timber Hills #4 and Accept Dedication of Land for Public Purposes

- Mr. Truesdell moved to approve the final plat for Timber Hills #4. Mr. Donnelly seconded. All ayes. Motion carried.

Resolution 06-17-01 – Authorizing the Adoption of a Housing Needs Analysis and Designating Legal Descriptions of Property Proposed to Be Designated as a Rural Housing Incentive District within the City of Tonganoxie.

- Ms. Reed moved to approve the Resolution 06-17-01. Mr. Gilner seconded. Mr. Donnelly informed the Mayor that he would need to abstain and requested a roll call vote. Ms. Reed – yes. Mr. Gilner – yes. Mr. Donnelly – abstain. Mr. Truesdell – yes. All ayes. Motion carried.

Consider approval of release agreement with landowners at 242 S. Whilshire Drive and 238 S. Whilshire Drive

- Mr. Brajkovic explained the agreements and discussions with the property owners.
- Mr. Provost made comments and stated that he was not in favor of the agreement as presented. He would like to strike section 2.2B and let the homeowners determine what, if any, improvements they'd like to do. Mr. McWilliams echoed Mr. Provost's comments.
- City Attorney Shannon Marcano recommended to the Council that they not make any changes that would change the city engineer's recommended solution.
- Mr. Donnelly requested that staff work with the property owners and adjust the agreement that states that the City will do their portion of the work and the property owner will release all liability claims against the City and to include language that the property owner understands that additional work on their part will be needed to fully implement the engineered solution to the drainage issues, but the work of the property owner will not be required.
- Mayor Ward asked Mr. Brajkovic to work with consulting staff to determine if we can change the agreement in any way.

Presentation of Preliminary 2018 Budget

- Ms. Shockley presented the preliminary 2018 budget and answered questions from the Council. The first budget work session was set for June 19, 2017 at 5:30 p.m.

Mayor Agenda

- Mayor Ward reminded the Council that he would like to move forward with Progress Tonganoxie and that he would be working with City staff to get language on the City website in that regard.

Executive Session

- Mr. Gilner moved to go into executive session to discuss matters of non-elected personnel for a period of 15 minutes. Ms. Reed seconded. All ayes. Motion carried.
- Mr. Gilner moved to return from executive session after 15 minutes and make a note that no action was taken. Ms. Reed seconded. All ayes. Motion carried.

With no further business, Mr. Gilner moved to adjourn. Ms. Reed seconded. All ayes. Motion carried.



City of Tonganoxie, KS

Check Report

By Check Number

Date Range: 06/02/2017 - 06/15/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: AP Bank-AP Bank						
0826	ANNA WOLF	06/02/2017	Regular	0.00	650.00	41526
0034	AT&T ACCESS TRANSPORT SERVICES	06/02/2017	Regular	0.00	74.49	41527
0831	AXON	06/02/2017	Regular	0.00	1,231.64	41528
0057	BLUE TARP FINANCIAL, INC.	06/02/2017	Regular	0.00	168.99	41529
0837	BRADLEY BROCK	06/02/2017	Regular	0.00	400.00	41530
0077	CARAWAY PRINTING CO., INC.	06/02/2017	Regular	0.00	388.00	41531
0100	CITY OF LENEXA	06/02/2017	Regular	0.00	36.00	41532
0113	COMMERCIAL AQUATIC SERVICES	06/02/2017	Regular	0.00	140.00	41533
0136	DELTA DENTAL PLAN OF KANSAS,IN	06/02/2017	Regular	0.00	2,118.69	41534
0198	FRANK ROBISON	06/02/2017	Regular	0.00	1,400.00	41535
0205	GALL'S LLC	06/02/2017	Regular	0.00	117.80	41536
0225	HAMM INC	06/02/2017	Regular	0.00	654.01	41537
0838	HEARTLAND FIRE & SAFETY EQUIPMENT CO INC	06/02/2017	Regular	0.00	96.00	41538
0246	HEATHER HOLEK	06/02/2017	Regular	0.00	166.03	41539
0243	HIMPEL LUMBER & BUILDING SUPPL	06/02/2017	Regular	0.00	592.19	41540
0824	IBT INC	06/02/2017	Regular	0.00	70.52	41541
0345	KATHLEEN MCBRATNEY	06/02/2017	Regular	0.00	375.00	41542
0367	KNOLOGY, INC.	06/02/2017	Regular	0.00	104.45	41543
0410	LIBERTY NATIONAL	06/02/2017	Regular	0.00	219.53	41544
0414	LINK-LITE NETWORKING, INC.	06/02/2017	Regular	0.00	71.25	41545
0491	OLATHE WINWATER WORKS	06/02/2017	Regular	0.00	825.00	41546
0496	ONE CALL CONCEPTS	06/02/2017	Regular	0.00	134.00	41547
0542	QUILL	06/02/2017	Regular	0.00	49.99	41548
0555	RICOH USA, INC.	06/02/2017	Regular	0.00	1,515.42	41549
0568	SAMS CLUB	06/02/2017	Regular	0.00	100.00	41550
0579	SECURITY BENEFIT - 457	06/02/2017	Regular	0.00	2,219.23	41551
0614	T-MOBILE	06/02/2017	Regular	0.00	346.80	41552
0641	TYLER TECHNOLOGIES	06/02/2017	Regular	0.00	1,400.00	41553
0671	WESTAR ENERGY	06/02/2017	Regular	0.00	23.40	41554
0677	WILLIAM PRAY	06/02/2017	Regular	0.00	600.00	41555
0840	BAYSINGERS STORE	06/09/2017	Regular	0.00	10.99	41556
0749	BROADVOICE	06/09/2017	Regular	0.00	139.55	41557
0700	BUSHYHEAD LLC	06/09/2017	Regular	0.00	3,574.28	41558
0839	Catherine Andersen	06/09/2017	Regular	0.00	215.00	41559
0099	CITY OF LEAVENWORTH	06/09/2017	Regular	0.00	3,702.46	41560
0110	CODE PUBLISHING INC	06/09/2017	Regular	0.00	350.00	41561
0111	COLEMAN EQUIPMENT INC	06/09/2017	Regular	0.00	303.93	41562
0113	COMMERCIAL AQUATIC SERVICES	06/09/2017	Regular	0.00	155.30	41563
0115	CONRAD FIRE EQUIPMENT, INC.	06/09/2017	Regular	0.00	65.00	41564
0159	ELECTROLIFE BATTERY INC	06/09/2017	Regular	0.00	36.00	41565
0166	EMERGENCY REPORTING	06/09/2017	Regular	0.00	139.00	41566
0711	ERIC WITZLEB	06/09/2017	Regular	0.00	43.34	41567
0200	FRITO-LAY	06/09/2017	Regular	0.00	282.68	41568
0208	GENERATION RELEVANT	06/09/2017	Regular	0.00	9,000.00	41569
0225	HAMM INC	06/09/2017	Regular	0.00	2,176.80	41570
0812	Heartland Coca-Cola Bottling Co., LLC	06/09/2017	Regular	0.00	96.16	41571
0838	HEARTLAND FIRE & SAFETY EQUIPMENT CO INC	06/09/2017	Regular	0.00	448.00	41572
0250	HONEYCREEK DISPOSAL SERVICE	06/09/2017	Regular	0.00	25,084.25	41573
0824	IBT INC	06/09/2017	Regular	0.00	70.52	41574
0258	ICE MASTERS	06/09/2017	Regular	0.00	825.00	41575
0139	JAMES DENHOLM	06/09/2017	Regular	0.00	75.00	41576
0308	KANSAS STATE TREASURER	06/09/2017	Regular	0.00	1,676.00	41577
0330	KANSAS GAS SERVICE	06/09/2017	Regular	0.00	58.42	41578
0757	KC CLEAN	06/09/2017	Regular	0.00	300.00	41579

Check Report

Date Range: 06/02/2017 - 06/15/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
0367	KNOLOGY, INC.	06/09/2017	Regular	0.00	379.51	41580
0393	LAWRENCE MEMORIAL HOSPITAL	06/09/2017	Regular	0.00	288.00	41581
0395	LCDC	06/09/2017	Regular	0.00	10.00	41582
0842	MELISSA CROWLEY	06/09/2017	Regular	0.00	215.00	41583
0484	NORTHERN SAFETY CO	06/09/2017	Regular	0.00	266.72	41584
0491	OLATHE WINWATER WORKS	06/09/2017	Regular	0.00	485.00	41585
0500	OREILLY AUTO PARTS	06/09/2017	Regular	0.00	205.55	41586
0503	PACE ANALYTICAL SERVICES INC	06/09/2017	Regular	0.00	454.00	41587
0509	PETTY CASH	06/09/2017	Regular	0.00	250.00	41588
0514	PITNEY BOWES, INC.	06/09/2017	Regular	0.00	61.19	41589
0516	PLAKES TREE SERVICE	06/09/2017	Regular	0.00	800.00	41590
0524	POSTMASTER	06/09/2017	Regular	0.00	88.00	41591
0555	RICOH USA, INC.	06/09/2017	Regular	0.00	29.96	41592
0617	TBS ELECTRONICS, INC.	06/09/2017	Regular	0.00	1,687.00	41593
0621	THE LIFEGUARD STORE, INC.	06/09/2017	Regular	0.00	1,381.26	41594
0659	VICTOR L PHILLIPS CO	06/09/2017	Regular	0.00	97.90	41595
0668	WEIS FIRE & SAFETY EQUIPMENT	06/09/2017	Regular	0.00	4,926.60	41596
0671	WESTAR ENERGY	06/09/2017	Regular	0.00	9,123.92	41597
0743	WESTSIDE LIQUOR	06/09/2017	Regular	0.00	3,206.52	41598
0843	WHISKEY KITTEN ALTERATIONS & EMBROIDERY	06/09/2017	Regular	0.00	75.00	41599

Bank Code AP Bank Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	89	74	0.00	89,147.24
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	89	74	0.00	89,147.24

Fund Summary

Fund	Name	Period	Amount
998	Gen Fund-Pooled Cash	6/2017	89,147.24
			<hr/>
			89,147.24

RELEASE AGREEMENT

THIS RELEASE AGREEMENT ("Agreement") is executed by the City of Tonganoxie, Kansas (the "City") and Zackary J. and Jamie L. Provost (the "Landowners") on the ____ day of ~~May~~June, 2017 (the "Effective Date").

1. **Background.** The Landowners own the property located at 238 S Wilshire Dr. in the Greystone Addition, Tonganoxie, Kansas. Ongoing storm water issues have been identified by the parties. The City Engineers with BG Consultants have identified and recommended an engineered solution certain projects to mitigate these ongoing storm water issues (the "Engineered Solution"). ~~These projects~~ Engineered Solution includes; 1) the construction of a berm that is 2' above the calculated flood elevation (99.42'), the top of the berm being approximately 4' above the finish floor of the residence, 2) the construction of retaining walls between the berm and the Landowners residence, 3) the installation of a sump pump to pump out water that falls between the top of the berm and the residence, 4) the replacement of an existing 24" storm sewer pipe with a 36" storm sewer pipe located within a drainage easement on Landowners property, and 5) the regrading of the ditch located in the drainage easement on Landowners property to allow for more efficient drainage, as described in the memorandum from BG Consultants attached hereto as Exhibit A.

2. **Agreement.** The City and Landowners acknowledge that the Engineered Solution has been identified and recommended by the City Engineers as the best option to mitigate the ongoing storm water issues. The City and the Landowners also acknowledge that the construction of portions of the Engineered Solution may not fully mitigate the ongoing storm water issues without the construction of the entire Engineered Solution. The Engineered Solution identifies certain projects be constructed by the parties as follows: will each be responsible for the following projects to remedy the ongoing storm water issues identified by the parties:

- a. City. The City will pi. Provide approximately 300 cubic yards of dirt for construction of a berm on the Landowners property at no cost to the Landowners.
- ii. In addition to the delivery of dirt, the City will rReplace an existing 24" storm sewer pipe with a 36" storm sewer pipe located within the drainage easement located on Landowners property at no cost to the Landowners. -and
- iii. rRegrade the ditch located within the drainage easement located on the Landowners property, subject to utility locations, at no cost to the Landowners.

i. ——— The projects to be completed by the City shall be completed within six (6) months of the Effective Date of this Agreement.

- b. Landowners. i. The Landowners, at their own cost, will cause the following improvements to be completed. Landowners will eCause a berm that is 2' above the calculated base flood elevation (99.42'), and the top of which is approximately 4' above the finish floor of the Landowners residence to be constructed on Landowners property.
- ii. The Landowners will eCause rock retaining walls to be constructed between the above mentioned berm and the Landowners residence.

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~~b.~~ iii. ~~The Landowners will i~~Install and maintain a sump pump with a capacity of at least 140 gallons per minute to pump out water that falls between the top of the berm and the residence.

3. Contingent upon City Council Approval. The obligations of the City under this Agreement are contingent upon final approval of the Agreement by the City Council of the City.

~~3.4.~~ **Time for Completion.** The City shall complete its obligations under this Agreement within 6 months of the Effective Date of this Agreement. It is acknowledged by the City and the Landowners that it is the recommendation of the City Engineer that obligations of the Landowner be completed in conjunction with the completion of the City's obligations in order to complete the entire recommended Engineered Solution as the best option to mitigate the storm water issues.

~~4.5.~~ **Mutual Release.** In consideration of the materials and work described above and in provision of the releases, covenants and promises set forth in this Agreement, the sufficiency of which the parties acknowledge, the parties for themselves, successors and assigns expressly release each other and each other's party successors and assigns who are or might be liable, none of whom admit any liability but expressly deny any liability whatsoever from any and all claims and demands of whatever nature, actions and causes of action whether known in law or in equity, damages, costs, fees, expenses, loss of service, compensation and suits of any kind, whether known or unknown, that exist as of this date from or on account of or in any way growing out of which may be traced either directly or indirectly to the work performed to correct storm water issues on Landowners property, including all claims raised or that could have been raised by either party, and all claims arising from any alleged misrepresentations, acts of deceit or arising from any act, omission, matter, event or occurrence occurring at any time through the date of this Agreement.

~~5.6.~~ **Denial of Liability.** Nothing stated in this Agreement shall be construed as an admission of liability by any party. This Agreement shall forever settle, adjust or discharge any and all claims which the parties may have against each other arising from the actions or inactions described in this Agreement, and each party shall pay its own costs and attorneys' fees.

~~6.7.~~ **Entire Agreement.** This Agreement contains the entire understanding between the parties with respect to its subject matter, and supersedes all other prior and contemporaneous agreements and understandings, inducements or conditions, express or implied, oral or written, except as contained in this Agreement. The express terms of this Agreement control and supersede any course of performance and usage of the trade inconsistent with any of its terms. This Agreement may not be modified or amended other than by agreement in writing and signature by the parties.

~~7.8.~~ **Voluntary Agreement.** The parties acknowledge that they have read this Agreement, have had the opportunity to consult with their own attorneys prior to executing it, and that they have fully understood this Agreement. This Agreement has been executed by persons having full power and authority to bind the named signatories.

THE CITY OF TONGANOXIE, KANSAS

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Mayor Jason Ward

ATTEST

Patty Hagg, City Clerk

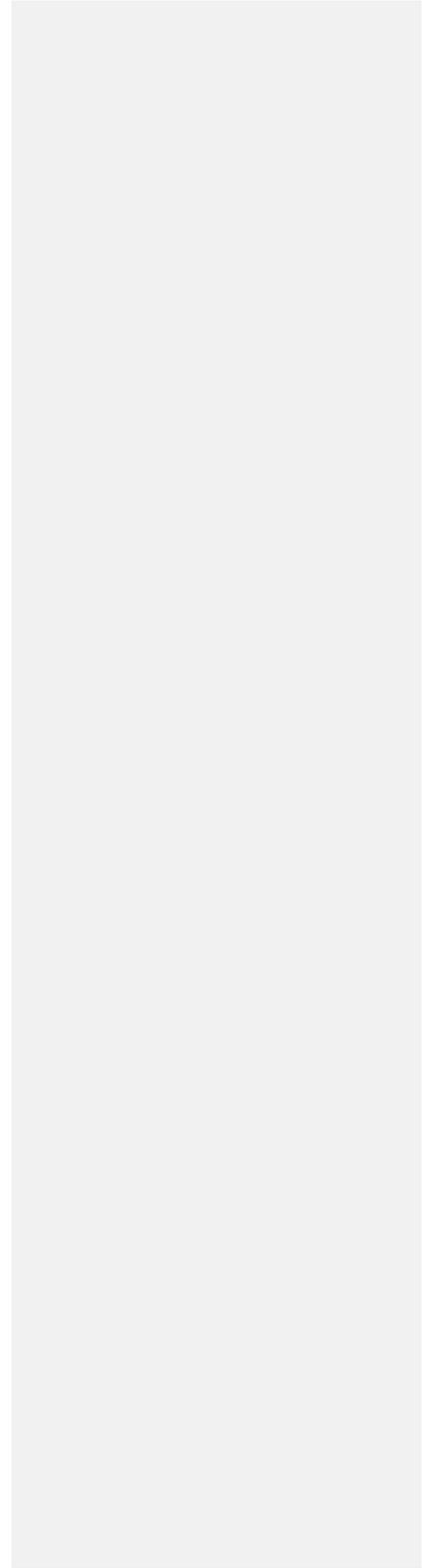
LANDOWNERS

Zackary J. Provost

Date

Jamie L. Provost

Date



RELEASE AGREEMENT

THIS RELEASE AGREEMENT ("Agreement") is executed by the City of Tonganoxie, Kansas (the "City") and Lucas W. and Brittany G. McWilliams (the "Landowners") on the ____ day of May, 2017 (the "Effective Date").

1. **Background.** The Landowners own the property located at 242 S Wilshire Dr. in the Greystone Addition, Tonganoxie, Kansas. Ongoing storm water issues have been identified by the parties. The City Engineers with BG Consultants have identified and recommended an engineered solution - certain projects to mitigate these ongoing storm water issues (the "Engineered Solution"). These Engineered Solution-projects includes; 1) the construction of a berm that is 2' above the calculated flood elevation (99.42'), the top of the berm being approximately 4' above the finish floor of the residence, 2) the construction of retaining walls between the berm and the Landowners residence, 3) the installation of a sump pump to pump out water that falls between the top of the berm and the residence, 4) the replacement of an existing 24" storm sewer pipe with a 36" storm sewer pipe located within a drainage easement on Landowners property, and 5) the regrading of the ditch located in the drainage easement on Landowners property to allow for more efficient drainage, as described in the memorandum from BG Consultants attached hereto as Exhibit A.

2. **Agreement.** The City and Landowners acknowledge that the Engineered Solution has been identified and recommended by the City Engineers as the best option to mitigate the ongoing storm water issues. The City and the Landowners also acknowledge that the construction of portions of the Engineered Solution may not fully mitigate the ongoing storm water issues without the construction of the entire Engineered Solution. The Engineered Solution identifies certain projects be constructed by the parties as follows: will each be responsible for the following projects to remedy the ongoing storm water issues identified by the parties:

- a. City. i. The City will pProvide approximately 300 cubic yards of dirt for construction of a berm on the Landowners property at no cost to the Landowners.
ii. In addition to the delivery of dirt, the City will rReplace an existing 24" storm sewer pipe with a 36" storm sewer pipe located within the drainage easement located on Landowners property, at no cost to the Landowners.
iii. -and rRegrade the ditch located within the drainage easement located on the Landowners property, subject to utility locations, at no cost to the Landowners.
i. The projects to be completed by the City shall be completed within six (6) months of the Effective Date of this Agreement.
- b. Landowners. i. The Landowners, at their own cost, will eCause the following improvements to be completed. Landowners will cause a berm that is 2' above the calculated base flood elevation (99.42'), and the top of which is approximately 4' above the finish floor of the Landowners residence to be constructed on Landowners property.
ii. The Landowners will eCause rock retaining walls to be constructed between the above mentioned berm and the Landowners residence.

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~~b. iii. The Landowners will i~~ install and maintain a sump pump with a capacity of at least 140 gallons per minute to pump out water that falls between the top of the berm and the residence.

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3. Contingent upon Council Approval. The obligations of the City under this Agreement are contingent upon final approval of the Agreement by the City Council of the City.

~~3.4.~~ **Time for Completion.** The City shall complete its obligations under this Agreement within 6 months of the Effective Date of this Agreement. It is acknowledged by the City and the Landowners that it is the recommendation of the City Engineer that obligations of the Landowner be completed in conjunction with the completion of the City's obligations in order to complete the entire recommended Engineered Solution as the best option to mitigate the storm water issues.

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~~4.5.~~ **Mutual Release.** In consideration of the materials and work described above and in provision of the releases, covenants and promises set forth in this Agreement, the sufficiency of which the parties acknowledge, the parties for themselves, successors and assigns expressly release each other and each other's party successors and assigns who are or might be liable, none of whom admit any liability but expressly deny any liability whatsoever from any and all claims and demands of whatever nature, actions and causes of action whether known in law or in equity, damages, costs, fees, expenses, loss of service, compensation and suits of any kind, whether known or unknown, that exist as of this date from or on account of or in any way growing out of which may be traced either directly or indirectly to the work performed to correct storm water issues on Landowners property, including all claims raised or that could have been raised by either party, and all claims arising from any alleged misrepresentations, acts of deceit or arising from any act, omission, matter, event or occurrence occurring at any time through the date of this Agreement.

~~5.6.~~ **Denial of Liability.** Nothing stated in this Agreement shall be construed as an admission of liability by any party. This Agreement shall forever settle, adjust or discharge any and all claims which the parties may have against each other arising from the actions or inactions described in this Agreement, and each party shall pay its own costs and attorneys' fees.

~~6.7.~~ **Entire Agreement.** This Agreement contains the entire understanding between the parties with respect to its subject matter, and supersedes all other prior and contemporaneous agreements and understandings, inducements or conditions, express or implied, oral or written, except as contained in this Agreement. The express terms of this Agreement control and supersede any course of performance and usage of the trade inconsistent with any of its terms. This Agreement may not be modified or amended other than by agreement in writing and signature by the parties.

~~7.8.~~ **Voluntary Agreement.** The parties acknowledge that they have read this Agreement, have had the opportunity to consult with their own attorneys prior to executing it, and that they have fully understood this Agreement. This Agreement has been executed by persons having full power and authority to bind the named signatories.

THE CITY OF TONGANOXIE, KANSAS

Mayor Jason Ward

ATTEST

Patty Hagg, City Clerk

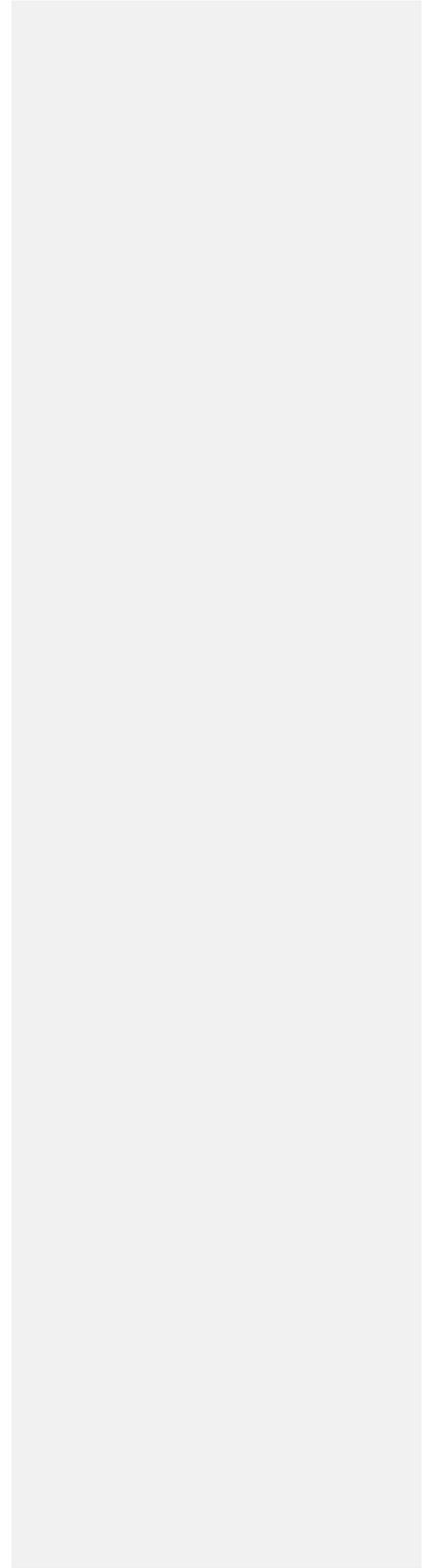
LANDOWNERS

Lucas W. McWilliams

Date

Brittany G. McWilliams

Date





Office of the City Manager
AGENDA STATEMENT

DATE: June 19, 2017
To: Honorable Mayor Jason K. Ward and Members of the City Council
FROM: Jamie Shockley, Assistant City Manager
SUBJECT: Consider Approval of Fireworks Sales Permits for 2017

DISCUSSION:

Attached are applications for three vending permits for fireworks for 2017. By ordinance, the City Council reserves the authority to approve permits for such purpose. Each applicant has satisfied the requirements of the fireworks permit and is listed below:

- Trieb's T-Town Fireworks (two stands)
- Anthony Miller Fireworks

As a reminder, city code allows the general public to shoot fireworks beginning at 8:00 a.m. through 11 p.m. on July 4.

Budget Impact:

These three permits will generate a total of \$1,500 in revenue for the City. Additional revenue will follow in the form of sales tax. This revenue is anticipated in the 2017 budget.

Action Needed:

Make a motion to approve the fireworks sales permits for Trieb's T-Town Fireworks and Anthony Miller Fireworks.

APPLICATION FOR RETAIL SALES OF FIREWORKS WITHIN THE CITY OF TONGANOXIE

Date of Application: <u>6-1-2017</u>
Square footage of Structure: <u>30X60</u>

OFFICE USE ONLY	
APPLICATION REVIEWED AND: <u>JUN 7 2017</u>	RECEIVED
Permit Fee: <u>\$500.00</u>	Date: <u>6/8/17</u>
Permit # _____	<u>CK</u>
Council Acceptance/Denial Date: _____	
Tent/Bldg Insp. _____ Date: _____	
APPROVED _____ DENIED _____	

Dates of Operation: June 30th through July 4th
 Fireworks may be sold from 8:00 a.m. – 11:00 p.m. only
 All signs, tents and trash must be removed with 48 hours after sale date.

- All Applications must be accompanied with:
- ✓ Non-refundable permit fee (\$500.00)
 - ✓ Certificate of Insurance (\$1,000,000.00) with City listed as additional insured
 - ✓ Tax Clearance from KS Dept of Revenue (785-296-3199) or www.ksrevenue.org
 - ✓ Copy of KS Retailers' Sales Tax Registration Certificate (785-296-4937) or www.ksrevenue.org/forms.htm

❖ Please note, Ordinance 1358 allows the Fire Chief to institute a burn ban based on, but not limited to, weather, soil conditions and water supply. If a burn ban is instituted during a time in which it is legal to sell fireworks, a firework vendor may apply for a 50% refund of the permit fee. All applications must be approved by City Council prior to issuing a refund.

**For a list of rules and regulations see attached:
 Code of the City of Tonganoxie, Chapter 7- Article 3. Fireworks**

APPLICATION IS MADE BY: Individual Partnership Corporation Non-profit

ADDRESS/LOCATION REQUESTED: 1100 West street

KS STATE SALES TAX # 51-0546123 TAX EXEMPT # _____

INDIVIDUAL/ORGANIZATION/BUSINESS Anthony Miller/Site youth Group

MAILING ADDRESS P.O. Box 163

CITY, STATE & ZIP: Tonganoxie KS 66086

CONTACT NAME Anthony Miller DAYTIME PHONE 913 845-3724

EVENING PHONE _____ CELL PHONE 816 590 2290 EMAIL _____

CONTACT NAME Tammy Miller DAYTIME PHONE _____

EVENING PHONE _____ CELL PHONE 816 804 9029 EMAIL _____

I/WE HAVE READ AND AGREE TO ABIDE BY THE RULES AND REGULATIONS AS SET FORTH IN THE CITY CODE OF TONGANOXIE AND CITY ORDINANCES THAT GOVERN THE RETAIL SALES OF FIREWORKS WITHIN THE CITY LIMITS.

Anthony R. Miller
SIGNATURE OF RESPONSIBLE PARTY

6-1-2017
DATE

APPROVED BY THE CITY COUNCIL ON THIS _____ DAY OF _____

CITY CLERK

FIRE CHIEF – Tentative Approval
Final Inspection after set-up

KANSAS

DEPARTMENT OF REVENUE

915 SW Harrison St
Topeka KS 66625-2007

Phone: 785-368-8222
FAX: 785-296-2073
www.ksrevenue.org

June 18, 2008

ANTHONY R. MILLER
PO BOX 163
TONGANOXIE, KS 66086-0163

Attached is your Kansas retailers' sales tax registration certificate. This must be displayed in your place of business. If you need forms and publications they can be obtained from our web site at www.ksrevenue.org/forms.htm or by calling 785-296-4937.

If you are interested in filing returns or making payments electronically, visit our web site at <http://www.ksrevenue.org/eservices.htm>.

Please see page 2 of this letter for details on how to use and display your certificate.

KANSAS DEPARTMENT OF REVENUE

www.ksrevenue.org

Division of Taxation

RETAILERS' SALES TAX REGISTRATION CERTIFICATE



Anthony R. Miller
1100 West St
Tonganoxie, KS 66086-9109

Tax Account Number: 004-510546123F-01

Inception Date: 06/01/2008

Filing Frequency: Monthly

This Registration Certificate is valid until canceled and is not transferable.



Sam Brownback, Governor
Samuel M. Williams, Secretary

www.ksrevenue.org

CERTIFICATE OF TAX CLEARANCE

Anthony R. Miller

ISSUE DATE

06/01/2017

TRANSACTION ID

TEAS-JCFB-34YK

CONFIRMATION NUMBER

C7CC-JG4G-HRAT

TAX CLEARANCE VALID THROUGH 08/30/2017

*Verification of this certificate can be obtained on our website, www.ksrevenue.org,
or by calling the Kansas Department of Revenue at 785-296-3199*

APPLICATION FOR RETAIL SALES OF FIREWORKS WITHIN THE CITY OF TONGANOXIE

Date of Application: June 5, 2017
 Square footage of Structure: 3200 sq ft

OFFICE USE ONLY

APPLICATION REVIEWED AND:
 Permit Fee: _____ Date: _____
 Permit # _____
 Council Acceptance/Denial Date: _____
 Tent/Bldg Insp. _____ Date: _____
APPROVED _____ **DENIED** _____

Dates of Operation: June 30th through July 4th
 Fireworks may be sold from **8:00 a.m. – 11:00 p.m. only**
All signs, tents and trash must be removed with 48 hours after sale date.

All Applications must be accompanied with:

- Non-refundable permit fee (\$500.00)
- Certificate of Insurance (\$1,000,000.00) with City listed as additional insured
- Tax Clearance from KS Dept of Revenue (785-296-3199) or www.ksrevenue.org
- Copy of KS Retailers' Sales Tax Registration Certificate (785-296-4937) or www.ksrevenue.org/forms.htm

❖ Please note, Ordinance 1358 allows the Fire Chief to institute a burn ban based on, but not limited to, weather, soil conditions and water supply. If a burn ban is instituted during a time in which it is legal to sell fireworks, a firework vendor may apply for a 50% refund of the permit fee. All applications must be approved by City Council prior to issuing a refund.

**For a list of rules and regulations see attached:
 Code of the City of Tonganoxie, Chapter 7- Article 3. Fireworks**

APPLICATION IS MADE BY: Individual Partnership Corporation Non-profit

ADDRESS/LOCATION REQUESTED: 420 Stone Creek

KS STATE SALES TAX # 004-812163000F-01 TAX EXEMPT # _____

INDIVIDUAL/ORGANIZATION/BUSINESS Steve Trieb

MAILING ADDRESS 204 S. Main

CITY, STATE & ZIP: Tonganoxie, KS 66086

CONTACT NAME Steve Trieb DAYTIME PHONE _____

EVENING PHONE _____ CELL PHONE 913.738.1374 EMAIL _____

CONTACT NAME Wendee Trieb DAYTIME PHONE _____

EVENING PHONE _____ CELL PHONE 913.708.4478 EMAIL wtrieb05@hotmail.com

I/WE HAVE READ AND AGREE TO ABIDE BY THE RULES AND REGULATIONS AS SET FORTH IN THE CITY CODE OF TONGANOXIE AND CITY ORDINANCES THAT GOVERN THE RETAIL SALES OF FIREWORKS WITHIN THE CITY LIMITS.

SIGNATURE OF RESPONSIBLE PARTY _____

DATE _____

APPROVED BY THE CITY COUNCIL ON THIS _____ DAY OF _____

CITY CLERK _____

FIRE CHIEF – Tentative Approval
Final Inspection after set-up

AGENCY CUSTOMER ID: _____

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

AGENCY Britton Gallagher		NAMED INSURED Winco Fireworks International LLC 5200 W. 94th Terrace Suite 114 Prairie Village KS 66207	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

Stand Operator: Steve Trieb
Landowner: Stone Creek Development
Additional Insured: City of Tonganoxie, KS



Division of Taxation
 915 SW Harrison St
 Topeka KS 66612-1588
 Samuel M. Williams
 Secretary of Revenue



Phone: 785-368-8222
 FAX: 785-291-3614
 www.ksrevenue.org

Sam Brownback, Governor

April 12, 2017

TRIEBS T TOWN FIREWORKS LLC
 204 S MAIN ST
 TONGANOXIE, KS 66086-8947

Attached is your Kansas Retailers' Sales tax registration certificate. Refer to the next page to see how to use your certificate. If you close or sell your business, please return this certificate along with a Discontinuation of Business form, which can be found on our web site.

You are required by Kansas law to file returns electronically. To do so or make payments electronically, visit our web site at <http://www.ksrevenue.org/eservices.htm> or www.webtax.org. See the next page for more details.

KANSAS DEPARTMENT OF REVENUE
Division of Taxation

www.ksrevenue.org

RETAILERS' SALES TAX REGISTRATION CERTIFICATE



Triebs T Town Fireworks Llc
 204 S Main St
 Tonganoxie, KS 66086-8947

Tax Account Number: 004-XXXXX3000F-01

Inception Date: 03/03/2016

Filing Frequency: Monthly

This Registration Certificate is valid until canceled and is not transferable.



Sam Brownback, Governor
Samuel M. Williams, Secretary

www.ksrevenue.org

CERTIFICATE OF TAX CLEARANCE

Triebes T Town Fireworks, LLC

ISSUE DATE

04/14/2017

TRANSACTION ID

TKRX-6TH6-X8PM

CONFIRMATION NUMBER

CF42-S5SA-8E3X

TAX CLEARANCE VALID THROUGH 07/13/2017

*Verification of this certificate can be obtained on our website, www.ksrevenue.org,
or by calling the Kansas Department of Revenue at 785-296-3199*

APPLICATION FOR RETAIL SALES OF FIREWORKS WITHIN THE CITY OF TONGANOXIE

Date of Application: June 5, 2017
 Square footage of Structure: 1800 sq-ft

OFFICE USE ONLY

APPLICATION REVIEWED AND:

Permit Fee: _____ Date: _____

Permit # _____

Council Acceptance/Denial Date: _____

Tent/Bldg Insp. _____ Date: _____

APPROVED _____ **DENIED** _____

Dates of Operation: June 30th through July 4th
 Fireworks may be sold from **8:00 a.m. – 11:00 p.m. only**
All signs, tents and trash must be removed with 48 hours after sale date.

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- Certificate of Insurance (\$1,000,000.00) with City listed as additional insured
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**For a list of rules and regulations see attached:
 Code of the City of Tonganoxie, Chapter 7- Article 3. Fireworks**

APPLICATION IS MADE BY: Individual Partnership Corporation Non-profit

ADDRESS/LOCATION REQUESTED: 105 E 5th St

KS STATE SALES TAX # 004-812163000 TAX EXEMPT # F-01

INDIVIDUAL/ORGANIZATION/BUSINESS Steve Trieb

MAILING ADDRESS 204 S. Main

CITY, STATE & ZIP: Tonganoxie, Ks 66086

CONTACT NAME Steve Trieb DAYTIME PHONE _____

EVENING PHONE _____ CELL PHONE 913.238.6374 EMAIL wtrieb05@hotmail.com

CONTACT NAME Wendee Trieb DAYTIME PHONE _____

EVENING PHONE _____ CELL PHONE _____ EMAIL Same as above
913.208.4478

I/WE HAVE READ AND AGREE TO ABIDE BY THE RULES AND REGULATIONS AS SET FORTH IN THE CITY CODE OF TONGANOXIE AND CITY ORDINANCES THAT GOVERN THE RETAIL SALES OF FIREWORKS WITHIN THE CITY LIMITS.

SIGNATURE OF RESPONSIBLE PARTY

DATE

APPROVED BY THE CITY COUNCIL ON THIS _____ DAY OF _____

CITY CLERK

FIRE CHIEF – Tentative Approval
Final Inspection after set-up



Division of Taxation
915 SW Harrison St
Topeka KS 66612-1588

Samuel M. Williams
Secretary of Revenue



Phone: 785-368-8222
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Sam Brownback, Governor

April 12, 2017

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KANSAS DEPARTMENT OF REVENUE
Division of Taxation

www.ksrevenue.org

RETAILERS' SALES TAX REGISTRATION CERTIFICATE



Triebs T Town Fireworks Llc
204 S Main St
Tonganoxie, KS 66086-8947

Tax Account Number: 004-XXXXXX3000F-01

Inception Date: 03/03/2016

Filing Frequency: Monthly

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Sam Brownback, Governor
Samuel M. Williams, Secretary
www.ksrevenue.org

CERTIFICATE OF TAX CLEARANCE

Triebes T Town Fireworks, LLC

ISSUE DATE
04/14/2017

TRANSACTION ID
TKRX-6TH6-X8PM

CONFIRMATION NUMBER
CF42-S5SA-8E3X

TAX CLEARANCE VALID THROUGH 07/13/2017

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or by calling the Kansas Department of Revenue at 785-296-3199*

AGENCY CUSTOMER ID: _____

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

AGENCY Britton Gallagher		NAMED INSURED Winco Fireworks International LLC 5200 W. 94th Terrace Suite 114 Prairie Village KS 66207	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

Stand Operator: Steve Trieb
Landowner: Michael Seymour
Additional Insured: City of Tonganoxie, KS 66086



Office of the City Manager
AGENDA STATEMENT

DATE: June 19, 2017
To: Honorable Mayor Jason K. Ward and Members of the City Council
FROM: Jamie Shockley, Assistant City Manager
SUBJECT: Consider Approval of Building Permit Waiver for Tonganoxie USD 464

DISCUSSION:

Interim Superintendent Tonya Phillips reached out to the City and requested that the City waive the building permit fee for the district in the amount of \$995. The district is currently partnering with the Basehor Linwood School District and is renting the former police station building downtown to be used for their Pathways Program. This program is for students ages 18-21 who are continuing to receive special education services. The school district already paid for the permit, so a refund check would need to be issued.

Attached to this memo is the request we received from the school district.

Budget Impact:

The permit fee would bring \$995 in revenue to the General Fund.

Action Needed:

Make a motion to approve or deny the fee waiver request from the school district.

From: [George Brajkovic](#)
To: [Jamie Shockley](#)
Subject: FW: permit fee
Date: Wednesday, June 14, 2017 2:06:11 PM

Have we charged the School District in the past?

From: Tonya Phillips [mailto:tphillips@tong464.org]
Sent: Wednesday, June 14, 2017 1:53 PM
To: George Brajkovic
Subject: permit fee

Hi George! The Tonganoxie Basehor Linwood Special Education Cooperative is establishing a new program to be located in downtown Tonganoxie. We are renting the building (former police station) from Calvin Quisenberry and completing remodeling as we speak. This will be our program called Pathways for students ages 18-21 who are continuing to receive special education services. These are significantly handicapped students who are learning life skills and acclimating into the community.

David Howard, Basehor Linwood superintendent, contacted me and asked if the City of Tonganoxie could refund the permit fee for this remodeling. He indicated we paid about \$1,000. The City of Basehor does not charge a permit fee for working with the Basehor School District, so he would like to know if the City of Tonganoxie could do the same for the school district.

Please let me know if you have questions or need more information. Thanks so much for your time!

--

Tonya Phillips
Director of Educational Programs/ Interim Superintendent
Tonganoxie USD 464
330 E. HWY 24-40
Tonganoxie, KS 66086
(913) 416-1400 (phone)
(913) 416-1408 (fax)
tphillips@tong464.org

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Office of the City Manager
AGENDA STATEMENT

DATE: June 19, 2017
To: Honorable Mayor Jason K. Ward and Members of the City Council
FROM: Jamie Shockley, Assistant City Manager
SUBJECT: Consider Approval of Purchasing Personal Protective Equipment for Fire Department

DISCUSSION:

The City budgeted \$10,000 in the Fire Department Equipment Fund in 2017, which is estimated to cover the replacement of 4 sets of personal protective equipment. The Council agreed to set aside this money each year as a replacement plan for the gear needing replacement in the Fire Department.

The Fire Department obtained three bids for this purchase and Conrad Fire Equipment came in with the low bid at \$8,683.08.

Conrad Fire Equipment has agreed to let the Fire Department purchase 8 sets of gear now and will only bill for 4 sets in 2017 and will bill for the other 4 sets in 2018.

Attached to this agenda statement is also an equipment replacement plan that Chief Holcom put together to outline the department's equipment and capital needs over the next five years.

Budget Impact:

None. This item is adequately budgeted for in the Equipment Fund budget.

Action Needed:

Make a motion to authorize the Fire Chief to purchase eight sets of gear from Conrad Fire Equipment in an amount not to exceed \$17,366.16, of which \$8,683.08 will be paid in 2017 and \$8,683.08 will be paid in 2018.



City of Tonganoxie

EXPENSE JUSTIFICATION FORM

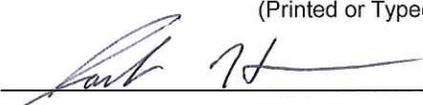
DATE: May 31st, 2017

REQUESTING DEPARTMENT:

Public Works Fire Police Administration

DEPARTMENT REPRESENTATIVE: Fire Chief Holcom

(Printed or Typed Name)

DIRECTOR'S SIGNATURE: 

PURPOSE OF EXPENSE:

To replace Firefighting Gear (Turnout coat and pant) used for protection of Firefighters during fire and rescue operations. This replacement is specified in The TFD Capital Equipment Replacement Plan.

WHAT DATE SHOULD THE WORK BEGIN? Once approved

WHAT ARE THE CONSEQUENCES OF DELAYING THIS EXPENSE?

Continued use of old gear ranging in age of 9 or more years old. This purchase is an annual cost effective way of replacing 4 sets annually.

WHAT ALTERNATIVE METHODS OF THIS EXPENSE HAVE BEEN RULED OUT?

TFD continually applies for Federal Grants for turnout gear replacement but have been unsuccessful in receiving this type of grants.

LIST OF BIDS/QUOTES (Attached)

Company Name	Amount
<u>Darley Co.</u>	\$ <u>10,167.60</u>
<u>The Fire Store</u>	\$ <u>9,395.92</u>
<u>Conrad Fire Equipment</u>	\$ <u>8,683.08</u>

Source Fund: FIRE EQUIPMENT FUND

Determination

Approved Denied

Authorized Signature: _____
City Manager

Requires city council approval? Yes No



City Of Tonganoxie Fire Department

5-Year Master Plan Budget Estimates

Capital Equipment	2017	2018	2019	2020	2021	2022	2023 +
PPE	\$ 10,000.00	\$ 10,000.00	\$ 10,500.00	\$ 11,000.00	\$ 11,500.00	\$ 12,000.00	\$ 12,500.00
SCBA							\$ 150,000.00
Air Fill / Cascade							\$ 30,000.00
Portable Radios							\$ 40,000.00
Moble Radios			\$ 3,500.00		\$ 3,500.00		\$ 7,000.00
Hoslines & Nozzles			\$ 27,125.00	<i>(New with Engine)</i>	\$ 27,125.00	<i>(New with Ladder)</i>	
Extrications (Full Set)			\$ 18,000.00	<i>(</i>			
CombiTool		\$ 7,050.00	<i>(Equip with QRV / Rescue)</i>				
Rescue Struts			\$ 4,200.00	<i>(New with Engine)</i>			
Lifting Bags			\$ 12,000.00	<i>(New with Engine)</i>			
Paramedic Monitor & Kits				\$ 25,000.00	<i>(Cardiac Monitor, Airway Kit, Response Bag, 12+ yrs service)</i>		
Vehicle Mobile Data Terminals			\$ 10,000.00	<i>(Engine, QRV, Brush)</i>	\$ 2,500.00	<i>(Ladder)</i>	
Sub Total	\$ 10,000.00	\$ 17,050.00	\$ 85,325.00	\$ 36,000.00	\$ 44,625.00	\$ 12,000.00	\$ 239,500.00
Capital Vehicles	2017	2018	2019	2020	2021	2022	2023+
QRV / Rescue	\$ 185,000.00	<i>(10+ years Service)</i>					
Engine		\$ 550,000.00	<i>(10+ years Service)</i>				
Ladder				\$ 1,100,000.00	<i>(20 Years Service)</i>		
Brush						<i>(chassis only)</i>	\$ 56,350.00
Staff Vehicle			\$ 35,000.00	<i>(5-10 yrs Service, follow City's vehicle replacment plan)</i>			
Sub Total	\$ 185,000.00	\$ 550,000.00	\$ 35,000.00	\$ 1,100,000.00	\$ -	\$ -	\$ 56,350.00
Capital Facilites	2017	2018	2019	2020	2021	2022	2023+
Renovationns - Offices		\$ 8,000.00					
Renovations - Training Room			\$ 10,000.00				
Training Grounds / Tower							\$ 350,000.00
Station 2 (as needed)							\$ 2,000,000.00
Sub Total	\$ -	\$ 8,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 2,350,000.00
Total Capital Outlay:	\$ 195,000.00	\$ 575,050.00	\$ 130,325.00	\$ 1,136,000.00	\$ 44,625.00	\$ 12,000.00	\$ 2,645,850.00

City of Tonganoxie Fire Department

Capital Equipment Replacement Plan



Purpose:

Establish criteria and rationale for equipment replacement based upon service standards, codes, equipment conditions, and department needs.

- Define current state of assets in inventory.
- Identify current shortfalls within the department.
- Propose replacement and strategy

Expected Useful/Service Life of Fire Service Equipment

Equipment used within the Fire Service must be evaluated based on a combination of factors. Due to the demanding nature of use, equipment is often exposed to extreme physical, chemical and environmental exposures and insults. Furthermore, there are often strict and defined life safety performance requirements defined in various codes such as the National Fire Protection Association (NFPA) and OSHA. As a result, standard service life models may not always apply. As an agency, we do our best to extend the life of equipment through proper selection, maintenance, inspection and repair. However, extreme situations that our equipment is exposed to often can lead to premature wear and damage.

Fire Service equipment is expensive. It must be durable and capable of working under hostile situations. Because of these requirements there is often significant costs and liabilities associated. The single most critical item to ensure preservation and maximization of the city's investment into its equipment is training of its staff. The fire service provides services, many very technical in nature to a wide variety of incidents. The fire service has truly transformed from a single function Fire Department to an Emergency Services Agency providing all hazard response

In addition, the nature of emergency response is dynamic and must evolve with changing safety standards to meet new community needs and risks. Equipment, along with training must always be adapting to meet the needs of a community. Each equipment classification is thus broken down to address these multiple factors.

Capitalized Equipment

Only equipment which has a foreseeable service life / cycle is included on this document. Consumable supplies have been omitted. The primary focus of this document is to include:

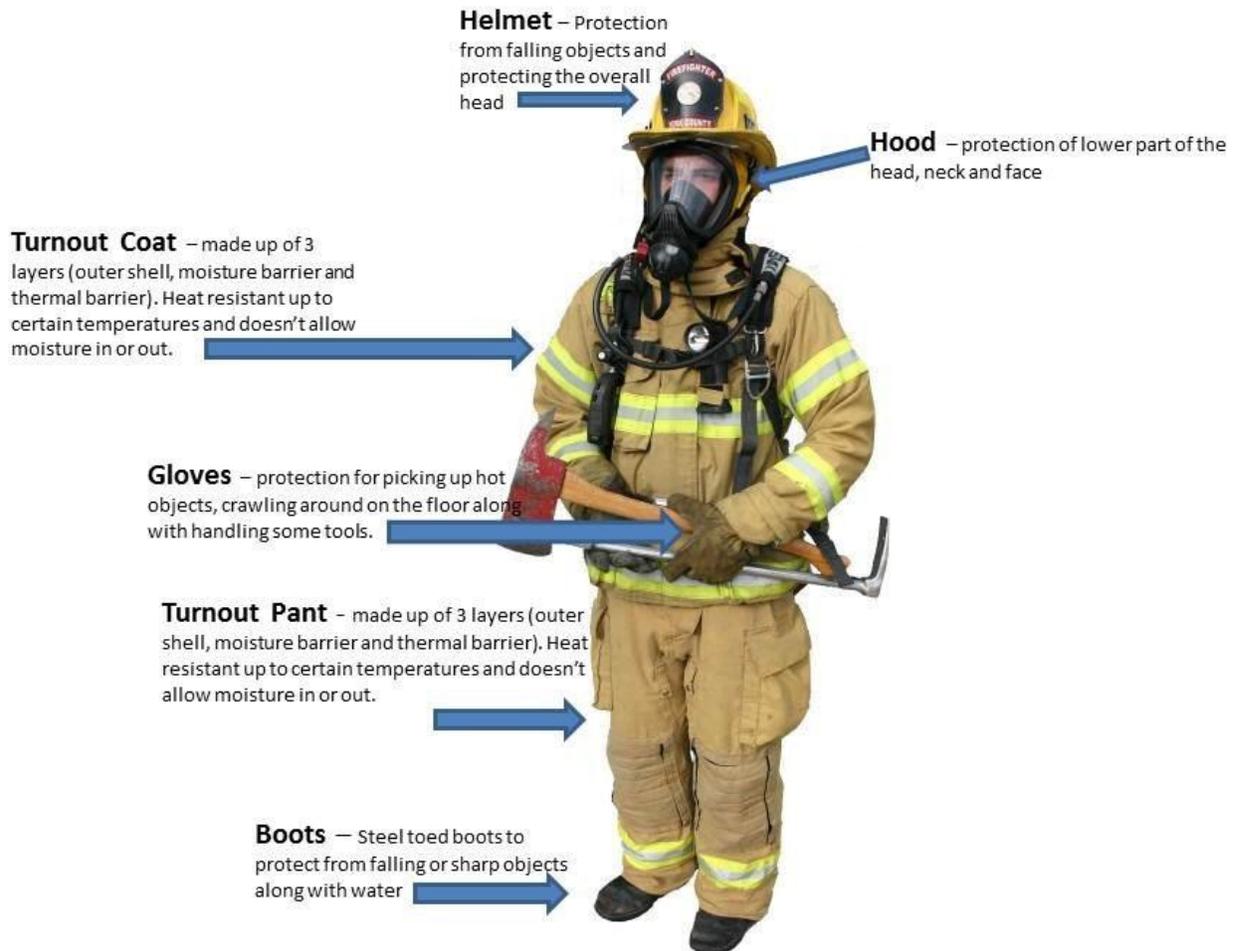
1. PPE (Personal Protective Equipment)
2. SCBA (Self Contained Breathing Apparatus)
3. Vehicles and Fire Apparatus
4. Extrication Equipment
5. Fire Line Power Tools
6. Fire Line Electronics
7. Radios & Communications

City of Tonganoxie Fire Department Capital Equipment Replacement



STRUCTURAL PPE (PERSONAL PROTECTIVE EQUIPEMENT)

PPE (Personal Protection Equipment) is the general ensemble that Firefighters wear to perform their duties. This gear typically consists of a Turnout coat & pant, helmet, hood, gloves and boots. This is essential equipment that must be available to all responders while operating on emergency scenes.



Code Lifespan:

NFPA (National Fire Protection Association) defines the gear to have a service life of 10 years from date of manufacture. NFPA 1851 is quite clear that PPE elements that are more than 10 years old should be destroyed or disposed. There is NO allowance for extension of PPE beyond the 10 year service life.

Useable Lifespan:

Fire, EMS and Hazardous Materials Incidents all accelerate the wear on equipment. Even new gear can be rendered non-serviceable following a single significant exposure to heat, flame or chemicals or simply damaged

City of Tonganoxie Fire Department

Capital Equipment Replacement



during operations on an emergency scene. While this is rare within our system, these incidents can occur and result in challenges with planning a replacement cycle.

Several steps are in place to extend and maximize the service life of the equipment. The single biggest factor is training so that responders understand how to limit exposure to damaging conditions keeping themselves and their protective equipment undamaged. Members have received training in how to properly inspect, clean and request repair of equipment. PPE is frequently disassembled, washed, inspected and returned to service following exposures to further extend its lifecycle.

PPE Cycle Goal / Target:

10 years of service life for 85% of inventory (15% allowance for catastrophic damage, exposure or premature wear). This 10-year cycle follows the NFPA requirement for PPE to be in service no longer than 10 years. This highlights the importance of selecting quality gear to ensure long service to ensure reduced lifecycle costs.

PPE Unit Costs:

Our target PPE Spec is a mid-grade package. The difference between mid and high grade is subjective, but is based upon the materials typically. Low grade gear is typically noted by lesser wear materials and poor stitching practices and methods. PPE is comprised of 3 layers, and outer, thermal, and inner layer. The wear-ability of the outer materials and stitching is key to a long service life reducing seam failures and tear of outer layers. Costs can vary dramatically based up the selection if the inner layers. Selection and costs are driven by higher heat protection vs. weight factors. However, increase bulk and limit breathability of the higher exposure rated gear effects daily usability for us. We see more injuries related to heat stress, than actual fire exposure. The investment into the higher grade, heavier weight ensembles we feel, based upon our operational practices is not justified and increases daily risk of heat related injury. The pricing estimates are based up quality mid-grade selections of equipment.

ITEM	COST
Turnout Jacket	\$ 1,350.00
Turnout Pants	\$ 1,000.00
Fire Helmet	\$ 350.00
Fire Hood	\$ 65.00
Fire Gloves	\$ 75.00
Fire Boots	\$ 240.00
TOTAL:	\$ 3,080.00

**It should also be noted that certain items such as gloves, boots, and hoods have much higher cycle period typically associated with normal wear and are considered consumable. For the purposes of this plan, they are included as part of a PPE purchase.*

City of Tonganoxie Fire Department Capital Equipment Replacement



Structural PPE Inventory Current

Year	Ages	Servicable	Non-Servicable
< 2007	10+	n/a	19 (2002)
2008	9	25	
2009-2016	8	0	
2017	<1	0	

Replace Strategy

The department targets to have a total of 24 operational and equipped responders. There are two processes to manage gear replacement. 1) Cycle replacement of gear replacing multiple sets each year to distribute costs, 2) bulk purchase of gear under a single purchase contract.

All gear is within 2 years being out of replacement cycle.

Cycle Calculation Formal:

(Target Count) x (Deviation allowance) x (Full PPE Cost) / (lifecycle span) = (Yearly Cost)
(24 units) x (1.15) x (\$3080.00) / (10 years) = Yearly Cost

Yearly Cost without Inflation = \$8500.80

*No adjustment or planning of inflation

*This accounts for approx. 3 sets (2.76) sets of gear per year.

System Calculation Formal:

(Target Count) x (Deviation allowance) x (Full PPE Cost) / (lifecycle span) = (Yearly Cost)
(24 units) x (\$2930.00) = Replacement cost

Cost for replacement = \$73,920

*Excludes estimated repair and maintenance costs like to increase during later years of service.

PPE Section End

City of Tonganoxie Fire Department

Capital Equipment Replacement



SCBA (SELF CONTAINED BREATHING APPARTUS)

Self-contained breathing apparatus (SCBA) is a type of respiratory protection equipment that contains breathable compressed air. It is typically used by the firefighters and rescue workers while operating in areas of immediate danger to life and health (IDLH), such as inside a structure fire or hazmat incident where smoke or toxic gases are present

An SCBA Consists of the Following:

- An SCBA Harness / Carrier
- 2 Stage Pressure Regulator and Gauges
- Face piece with integrated Heads Up Display (HUD) unit
- A Primary and Secondary (Spare) tank made of aluminum or Carbon-Fiber composite (2,2216, 4500 or 5,000 psi)



Code Lifespan:

NFPA 1852 *“Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus”* defines selection, servicing and maintenance criteria for fire service SCBAs. The standard defines what conditions an SCBA is to be taken out of service, either the result of damage, specific catastrophic exposures or failed flow or hydrostatic testing. The Standard for SCBAs is evolving quickly as new safeties, performance requirements and testing criteria are established. To date, the requirement for service life is based upon this evaluation and not a defined lifespan unless otherwise specified by the manufacture.

Useable Lifespan:

As previously stated, various events may exaggerate wear, or take a system out of service. The single biggest factor in reducing these events is proper training. So that responders understand how to limit exposure to damaging conditions keeping themselves and their protective equipment undamaged. Members have received training in how to properly inspect, clean and request repair of equipment. PPE is frequently disassembled, washed, inspected and returned to service following exposures to further extend its lifecycle. SCBA damage or wear is typically related to individual items that can be repaired, serviced or replaced to assist in reduced total cost of ownership.

Typically, a 12-year service life has been the target for most SCBA system. The components and electronics simply being to become a reliability and maintenance burden where cost of ownership exceeds new system acquisition costs. The standard federal requirement for required replacement for SCBAs typically require the units being at least 2 NFPA 1851 revision cycles out of date. We are currently in the 1st revision cycle (NFPA 1851 – 2014) of a typical 5~7-year cycle. The next revision is not likely to be seen until at least 2019.

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The other major factor in determining lifespan is inter-agency compatibility with other local agencies. Currently our bottles are usable with several agencies, but not all as many are changing to quick change bottles that have proprietary connects. It is important to remember that air we bring with us to the scene is all we have to operate with. We have no local abilities to refill air cylinders on scene at this time.

Replacement Cycle Challenge – Interoperability vs Phased Replacement

SCBAs are one of the most important pieces of Firefighter safety gear. Simply stated, without this equipment, Firefighters could not enter the hazardous environments they are required to work within. The challenge in replacing Firefighter SCBAs is that all components carried onto an emergency scene must be interoperable without exception. Masks, issued to firefighters are specific to the air pack regulators; high pressure bottles are often specific to either thread configurations, or quick-change adaptors. New technologies are being rolled out to increase Firefighter safety such as new digital communication networks between air packs (mesh type networks) are being integrated. These rapid changes create interoperability issues when new air packs are introduced in a cycle format. This often requires complete replacement of all air packs department wide at considerable expense.

SCBA Unit Costs:

Firefighter SCBA units are limited to only a small number of manufactures. Key requirements in the selection of units are ensuring interoperability with other local agencies and area wide response plans. Options are fairly limited with the SCBAs. We general limit our options to a standard configuration option do not chase the newest technology options and add on features. The standard options we do select are centered on SCBA buddy breathing (where another SBCA can supply air such as in the event of entrapment) which is not required by code. We have found little return investing into such features as integrated voices amplifiers, integrated communications, tracking systems for our city's risk profile and low frequency of use.

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SCBA Allocations:

Each operational position (seated fire fighter) as accounted for operational credit must be provided an SCBA according to code. This is generally accounted for as our seated positions in our apparatus. Spare / training SCBAs are recommended due to the delay typically seen with repair of units and requirement for offsite servicing. Included in this cost estimate is the cost of training 2 staff members as level 1 technicians to be able to service and repair typical wear and service items to further reduce lifecycle costs.

SCBA ALLOCATION	QTY		
Engine (1 per seated position)	5		
Aerial (1 per seated position)	6		
Rescue	2		
Brush / Utility	2		
Command Unit	1		
Training / Spare	2		
Total SCBA UNITS	18		
ITEM	UNIT COST	QTY	EXT COST
SCBA System Harness & Regulator	\$5,500.00	18	\$ 99,000.00
SCBA Primary Bottles	\$750.00	18	\$ 13,500.00
SCBA Secondary Bottle	\$750.00	18	\$ 13,500.00
SCBA Mask	\$350.00	24	\$ 8,400.00
Unit Total:	\$7,350.00		
		Group Total:	\$ 134,400.00
Other Associated Program Costs	UNIT COST	QTY	EXT COST
Level 1 in-house tech training	2500	2	\$ 5,000.00
Repair tools and inventory	1250	1	\$ 1,250.00
Flow Test Machine	7500	1	\$ 7,500.00
		Group Total:	\$ 13,750.00
		Estimated Initial System Cost:	\$ 148,150.00

SCBA Current Inventory

The department currently has 18 SCBA units. All units were purchased in 2007. The funding for the current SCBAs was granted through FEMA Assistance to Firefighters Grant (AFG). The models in service are MSA FireHawk M7s. They are currently in GOOD status and meet the NFPA 1851-2007 Standard. The packs were manufactured in 2012 (5yrs). We expect to be able to extend service until at least 2023.

Replacement Strategy

Due to the requirement to have and maintain system interoperability and compatibility it is difficult and ill advised to spread the purchase into cycles. Grant funding of replacement should be a feasible target, however with the

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current reduction in grants, this puts that approach into question. In the event that grant funding is unlikely, with the large purchase price of the equipment, either municipal bonds, or lease purchase options should be explored if funding is not set aside previous to the purchase of replacement SCBAs.

SCBA Section End

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Fire Apparatus - Overview

Fire Apparatus is the core of the fire department. Except for its responders, there is no more valuable item within the system. Simply stated, it is the tool by which we can perform our life safety mission. The fire department utilizes several types of fire apparatus to fulfil its core mission. Each of these apparatus types have specific abilities to perform that make them unique, and critical in meeting the needs of our community.



Code & Lifespan:

NFPA 1910, *Standard for Automotive Fire Apparatus* defines the requirements for new automotive fire apparatus designed to be used under emergency conditions to transport personnel, equipment, support the suppression of fires and mitigation of other hazardous situations. The standard includes general requirements that apply to all types of fire apparatus as well as specific chapters for vehicle types such as pumpers, aerial fire apparatus, rescues, wildland vehicles, quints and mobile foam apparatus.

NFPA Standard 1911, *Standard for Service Tests of Fire Pump Systems on Fire Apparatus*, describes fire apparatus service tests. These tests, details yearly testing that stress the systems to ensure operation and discover system weakness and failures. Tests include operating the pumping systems at full rated flow for duration of 20 minutes at 150 psi, 10 minutes at 200 psi, and 10 minutes at 250 psi.

NFPA Standard 1914, *Testing Fire Department Aerial Devices*, describes tests for aerial ladder and elevating platforms. This includes loading of the ladder section with weight in excess or rated lift and evaluating performance.

The **Insurance Standards Organization Fire Suppression Rating Schedule (ISO FRS)** provides a rating for cities related to their ability to provide fire protection services. ISO collects information on municipal fire-protection efforts in communities throughout the United States. In each of those communities, ISO analyzes the relevant data using the **Fire Suppression Rating Schedule (FSRS)**. A **Public Protection Classification (PPC)** rating from 1 to 10 is

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assigned. Class 1 represents exemplary public protection, and Class 10 indicates that the area's fire-suppression program doesn't meet ISO's minimum criteria. The program provides an objective, countrywide standard that helps fire departments in planning and budgeting for staffing, infrastructure, facilities, equipment, communications and training. By securing lower fire insurance premiums for communities with better public protection, the PPC program provides incentives and rewards for communities that choose to improve their firefighting services. This is often an evaluation that perspective entities evaluate when selecting a location.

Currently the City of Tonganoxie holds an ISO PPC classification of 3.

The Fire Suppression Rating Schedule (FSRS) does not specify any maximum age for fire apparatus. ISO uses NFPA standards to define whether the apparatus meets general requirements by passing performance standards. Apparatus with fire pumps must additionally pass pump tests and aerial apparatus must pass an annual service test (including a nondestructive test at least every five years).

Useable Lifespan:

Quality Fire Service apparatus are built for harsh use conditions. The majority of wear experienced with our fleet is simply the result of age and material breakdown of components. Determining an exact lifespan can be difficult. There are many reasons for fire service apparatus to be retired, moved to a reserve status or replaced. Some of those decisions are based on factors such as:

- Poor reliability of a mission critical apparatus
- Maintenance Costs exceeding acquisition costs of new apparatus
- Inability of an apparatus to meet current demands of the community
- Outdated safety systems
- Inability to source parts
- Inability for the apparatus to meet required standards and performance tests
- Residual value of apparatus offsets purchase costs

Several steps are in place to extend and maximize the service life of the apparatus. The single biggest factor is training so that responders understand how to operate the equipment within its engineer performance capabilities. The other major expenditure is yearly testing and maintenance. These issues are standard to all apparatus types detailed bellowed.

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RESCUE / QRV / WILDLAND

The Rescue, also termed a QRV (Quick Response Vehicle) is the true multi-purpose vehicle. The unit provides a platform that can access locations that no other vehicle in our inventory can access. This unit is dramatically different from brush units greatly increased capability and role, often termed a wildland engine for its ability to navigate terrain and perform various suppression functions. It can quickly transport responders and equipment to incidents under all conditions and all locations. The vehicle is specifically engineered not just for off-road conditions, but also adverse weather, debris in roadways, floods, and snow / ice storms which can all severely limit the response of our full-sized apparatus. The proposed unit carries 400 gallons of water and 20 gallons of foam, enough to provide a rapid and potent response to grassfires, car fires, hazmat incidents, and even residential fires. The added compartment space provides the necessary storage for a range of tools ranging from chainsaws, medical and specialized rescue equipment. This unit provides a much-needed secondary response capability using an all-in-one multifunction vehicle critical during simultaneous incidents or when full sized apparatus is simply the wrong tool.



Current Status:

This unit's function is attempting to be being performed by Brush 664 now. The unit fails to meet our needs in role of a QRV/Rescue/ Wildland Engine. It falls short in areas of equipment storage, water capacity, seating, and off-road ability.

The current chassis has seen 16 years of service. The larger challenge is the rescue module that has essentially been constructed on a flatbed. The system was pieced together and provides features that are simply not needed, while failing to provide the true functionality needed.

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Brush 664

2002 Ford F-550 V8 Diesel 4x4
350-Gals Water, 10 gals foam, 150 GPM Pump
12,742 miles, 429 engine hours,

Rescue Replacement Schedule:

10 chassis service: There are few standards that related to this classification of vehicle. The replacement schedule should reflect the status of the chassis and usability and of the rescue model. The proposed rescue module can, and is specifically designed to be removed and placed onto a new chassis easily. The rescue module should provide in excess of 25 years of service with the investment into a quality unit. The vehicle should retain some residual value as it is likely to have lower mileage for its age compared to market standard.

Rescue Cost:

Unit price is \$185,000. This is the turn key package price. It is important to note that the majority of the unit cost is rear 'rescue' module. This unit is specific planned to be removable to be transferred to a newer vehicle ensuring maximize value over a lengthy service life. It is fully expected that the rescue body will exceed 25 years of service with the investment in into a quality unit.

Fiscal Year 2017 – 10 year chassis replacement

Financing of Capital Purchase of a new QRV / RESCUE - \$185,000

Existing 664 sold for remaining value (est. <\$7,500)

Optionally, chassis provided to Public Works for plow and flatbed usage

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ENGINE / PUMPER

The Fire Department engine is the primary apparatus tasked with transportation of personnel, onboard water, fire attack hose lines, supply hose and a variety of medical and specialized rescue equipment to the scene of an incident. The primary function of the engine is provide pressurized water through hoselines to conduct fire suppression operations. Water is transported on the apparatus, supplied from pressurized water sources such as fire hydrants or suctioned from static water sources such as ponds and portable water tanks.

The engine is without question the single most critical apparatus in the fleet. It is typically the 1st unit to arrive on scene at incidents. It undergoes the most frequent and most demanding use. The apparatus is expected to go from a cold start, to full response mode leaving the station within seconds of starting. On-scene of working fire incidents and event training, the engine and pump system will run uninterrupted under load, often times for hours at a time providing pressurized water for fire attack. On a variety of scenes the apparatus will also remain in a fast idle mode in order to meet the electrical demands of the scene and vehicle lighting systems.



Engine 661

2007 Toyne Spartan (10yrs)

1250 GPM Pump

750-Gals water tank with 20-gals foam cell

33,638 miles, 3,119 engine hours, 192.5 pump hours

Engine 661 continues to maintain an excellent exterior appearance over the course of its 10 years of service. The unit has been reliable over its years, but its age is now starting to show as we are experiencing more frequent repairs related to chassis, drive training, pump, and electrical systems. These issues are related to simple aging of component materials such as valves, sensors and electronics. This engine could be well serving the city for at least another 5 years in a secondary 'reserve' status. Optionally the unit is at an ideal age, and would be a desirable purchase for lower use department. The unit holds moderate value as a trade or sale vehicle to offset the costs of replacement engine.

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Capital Equipment Replacement



Engine Replacement Cycle:

10 years front line service: There is no code required cycle rotation for either NFPA or ISO; rather they are performance based standards. The new standard is based upon the fact that newer apparatus is being engineered for longer services life using newer technologies and engineering processes. As the city grows, so does our call volume and mission placing very different demands on fire apparatus.

Nationally, many busy cities maintain engines as 1st out units for periods as short as 5 years, and then they cycled them to reserve status for another 5 years prior to being sold. Typically, apparatus start to see rapid declines in residual value after 10 years of service. By contrast, many other agencies may try to keep an engine in service with infrequent use beyond 20yrs.

In considering our lifecycle for an engine, it is critical to emphasize the mission critical importance of our primary engine. Our use pattern would be considered moderate across a national average. The cost to maintain a second front line pumper is not warranted at this time when compared to our call volume or staffing. Through smart purchasing options, such as multirole quints, multirole quick response / rescue vehicles in place of dedicated single role apparatus, we can maximize our investments maintaining a smaller, more agile inventory at a lower cost of ownership. This facilitates a more frequent replacement cycle allowing preservation of some residual value.

Following the evaluation of use, wear, costs and community need, a 10-year front line service schedule is appropriate and finically prudent allowing residual value to be captured to offset new apparatus acquisition while also keeping down major unforeseen repairs and interruptions in service.

Engine Cost:

Typical costs for a fire engine are \$500,000~600,000 depending on specific options. It is important to note that most fire apparatus are custom built based on a cities specification. The typical lead time for any apparatus once a contract is signed is 10 months to 1 year.

Fiscal Year 2018

Financing of Capital Purchase of a new Class-A Pumper - \$550,000

Existing Engine 661 moved to reserve status, evaluate for trade or sale to offset costs.

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AERIAL / LADDER TRUCK

An Aerial, also known as a ladder truck, carries multiple ground ladders of varying length and purpose; an aerial ladder used to reach upper floors of buildings; rescue equipment for forcible entry, extrication tools, specialized power tools such as carbide chain chainsaws, ventilation fans, and lighting equipment. The apparatus is also capable of delivering high volumes of water from an elevated water stream.

The ladder truck is not utilized on most calls; however, its features make it critical to the successful resolution of a variety of specific incidents. Simply stated, *'when you need a ladder truck, you need a ladder truck'*. This is especially critical with the rapid growth of the city and growing multifamily dwellings and commercial occupancies. Ladder trucks are a major part of the ISO PPC evaluation criteria.



Quint 6

1997 Central / RK Aerial

1250 GPM Pump - 300-Gals water tank

12,332 miles, 1,564.7 engine hours, 245.7 pump hours

The ladder truck has given the city over 20 years of reliable service. The unit is now starting to rapidly show its age, experiencing frequent repairs related to its pumping, mechanical, electrical and hydraulic systems due to aging of component materials.

The ladder on the quint is only 75ft system and fails address the large setbacks we see with many of our newer structures. While we do not have many tall structures, we must be able to reach to the roof and living areas of these structures, especially with our multifamily senior living centers. This is critical for



*Ladder reach and the effect of setback on building access
Aerial Pictures is a 101ft Quint at almost full extension.*

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emergency access by fire fighters, rescue operations and of course direct fire control.

The unit would hold minimal value as a trade or sale vehicle at its current age as it is at the end of its fire service life cycle. It is most likely the apparatus would be purchased or brokered out of country.

Ladder Replacement Cycle:

20 years front line service: There is no code required cycle rotation for either NFPA or ISO; rather they are performance based standards. The new standard is based upon the fact that newer apparatus are being engineered for longer service life using new technologies and engineering processes. Departments have very different demands placed on their apparatus. Ladders in some busier systems are only front line for 10 years, then cycled to reserve status for another 5 years or sold for.

The challenge for the Tonganoxie Fire Department is that our Ladder Truck is rarely used, however, when an aerial apparatus is needed, there is no substitute. Whether for vertical access, rescue or elevated master stream operations, when called for, especially during large scale fire incidents, the placement and operation of the aerial apparatus is paramount. We have evaluated mutual aid agreements; however, our closest ladder units are at least 15 to 20 minutes away and bring limited staffing.

Our use pattern would be considered light across a national average. With proper maintenance and personnel training, we realistically expect to achieve a 20 year service life. Unlike a fire engine/pumper, there is little value in keeping a reserve aerial apparatus in our inventory.

Ladder Cost:

Typical costs for a ladder truck, in a 'quint' configuration (with fire pump, water tank, ground ladders, and attack lines) are \$850,000~1,100,000 depending on specific options. There is a wide variety of configurations, and thus price ranges. It is important to note that most fire apparatus are custom built based upon a city's specification. The typical lead time for aerial apparatus once a contract is signed over 1 year. An aerial apparatus is certainly the most expensive vehicle in the fire department inventory, however its front-line service life is double that of a typical engine. With a projected 20-year service life it is critical that the design and capabilities of the unit meet future needs as well as current.

<p>Fiscal Year 2020 - 23 year replacement</p> <p>Financing of Capital Purchase of a new Quint Aerial Apparatus - \$1,000,000</p> <p>Existing Quint 6 Sold for remaining value (est. <\$15,000)</p>
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BRUSH TRUCK

The brush truck goes by many designations, grass rig, wildland engine, type 6 are just a few. The brush truck is the unit assigned off-road fire attack and provides some very limited quick attack duties within the city. While it might at first glance seem that a brush truck does not have much application within the City of Tonganoxie, there is much more consider. Within the city there is significant greenspace. Our city is also surrounded by grass and farm lands. Fires spread to residential homes most often through embers in a process called spotting. Spotting is fires that are started well ahead the main body of fire from the dropping of hot ash. This distance can be measured sometimes in miles. There have been many examples of wildland fires being the cause of home fires without the main body ever coming into proximity of the home. This is true in a Kansas prairie lands where fires move very quickly lighting off grasslands that a prone to spotting. It is important the City Fire Department have ability to manage these fires prior to their arrival within our city borders.



Brush 667

2013 Ford F-250 V8 Gas 4x4
150 Gals Water, 10 gals foam, 150 GPM Pump
30,515 miles, N/A engine hours, 5.9 pump hours

This unit was purchased in 2012. It has been unfitted to fill the role of a light duty brush truck carrying 150 gals of water and a small water pump. The vehicle is in excellent condition at this time. The pump module is a slide in type allowing transition to a replacement vehicle in the future. We are expecting a 10-year service life of the chassis and lifetime on the skid unit.

Brush Truck Replacement Cycle:

10 chassis services: There are few standards that related to this classification of vehicle. The replacement schedule should reflect the current city practices for light duty truck replacement. The fire pump module can be

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removed and placed onto a new chassis easily. The vehicle should retain some residual value as it is likely to have lower mileage for its age compared to market standard. Our fleet light duty vehicles do not see the same mileage and use as similar police vehicles, and thus frequent replacement is not as pressing. Furthermore, the customization costs associated with radios, lighting, and protective bumpers and winches are not as easily transferable between vehicles of this type.

Brush Truck Cost:

This pricing estimate accounts for a new chassis and transfer existing skid unit over to the new vehicle.

Brush Truck (Existing Skid Unit Transfer)	
F250 (or Equivalent) Quad Cab	\$35,000.00
Emergency Vehicle Lighting & Sirens	\$3,500.00
Communication consoles and install	\$1,500.00
Off-Road Equipment (Bumpers, winch)	\$5,600.00
Lettering & Graphics	\$750.00
Diesel Engine Upgrade	\$10,000.00
Vehicle Total:	\$56,350.00

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EXTRICATION / RESCUE EQUIPMENT

Extrication Equipment is the heavy duty cutting, spreading and ramming tools that the fire service uses for rescue operations. Most typically this equipment is used for vehicle accidents where occupants are trapped following a collision. This equipment is also used for other rescue situations involving entrapment related to building collapse, storm damage or other mechanical failures. The required capabilities of the tools have had to be increased dramatically over the past few years as new vehicle technologies continue to use new metals, composites and construction technologies in order to lighten weight for fuel economy standards while also increase crash worthiness and overall strength. This has resulted in the previous generations of rescue tools being unable to cut, spread or ram many modern materials.



Code Lifespan:

NFPA 1936 'Standard on Powered Rescue Tools' standard specifies performance requirements for powered rescue tools and components that are used by emergency services personnel to facilitate the extrication of victims from entrapment. This standard detail performance based testing standards for all new tools, and testing requirements for existing systems.

Useable Lifespan:

Fire, EMS and Hazardous Materials Incidents all accelerate the wear on equipment. Even new gear can be rendered non-serviceable following a single significant exposure to heat, flame or chemicals or simply damaged during operations on an emergency scene. While this is rare within our system, these incidents can occur and result in challenges with planning a replacement cycle.

Several steps are in place to extend and maximize the service life of the equipment. The single biggest factor is training so that responders understand how to limit exposure to damaging conditions keeping themselves and their protective equipment undamaged. Members have received training in how to properly inspect, clean and request repair of equipment. The most frequent cause of damage to extrication equipment is physical failure of cutter blades and spreader bars during training or rescue events. Hose lines, gas engines, hydraulic pumps typically fail due to component wear related to aging within the department. These systems operate at extreme pressures of up to 10,000psi.

The most important factor in evaluating lifespan is evaluating current capabilities of the systems when compared to operational need. As vehicle technology has advanced rapid and new materials and construction techniques have been employed, we are already coming into many situations where our rescue tools are unable to perform necessary operations.

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Extrication/ Rescue Cycle Goal / Target:

12 years with a 25% allowance for repair, part replacement and bi-annual inspection. Hose lines have a service life of 10 years from manufacture.

Note: Manufactures typically recommend yearly inspection; however our infrequent use of the equipment does not support the cost of full yearly system inspection. Thus a bi-annual inspection frequency is sufficient and most often meets the warranty requirement of the manufactures.

Extrication System Costs:

Extrication systems are composed of various components.

Hydraulic Main System Components		Battery Main System Components	
ITEM	COST	ITEM	COST
Hydraulic Cutter	\$ 4,800.00	Battery Cutter	\$ 5,800.00
Hydraulic Spreader	\$ 4,500.00	Battery Spreader	\$ 5,900.00
Hydraulic Ram	\$ 3,700.00	Battery Ram	\$ 4,750.00
Hydraulic Power Unit	\$ 3,400.00	Battery Charger Base	\$ 850.00
Hydraulic Hose lines	\$ 1,600.00		
TOTAL:	\$ 18,000.00	TOTAL:	\$ 17,300.00
Supporting System Components		Battery System Combi Tool	
ITEM	COST	ITEM	COST
Rescue Strut System	\$ 4,200.00	Combi Tool	\$ 6,200.00
Air Bag Lift System	\$ 12,000.00	(Spreader-Cutter-in-1)	
Reciprocating Saw	\$550	Battery Charger Base	\$ 850.00
Cribbing Kits	\$ 7,234.00		
TOTAL:	\$ 23,984.00	TOTAL:	\$ 7,050.00

Extrication / Rescue Equipment Current Inventory

Description	Year	Status	Cycle Target
TNT Hydraulic Rescue System (Cutter, Spreader, Ram, Mini Cutter & Hydraulic Power Unit)	2004	Good – Limited by capability of tools on modern vehicles.	Maintain in service, target 10 year of service.
TNT Hydraulic Rescue System (Cutter, Spreader, Ram & Hydraulic Power Unit)	2001	Poor – Aged system, challenged by current vehicle technology.	Replace with battery combi-tool, placed on QRV/Rescue
Paratech Airbag System (2 airbags, controller and hoseline)	1997	Poor – System is beyond replacement age. NFPA requires replacement of airbags at 10 years.	Equip with 2018 engine purchase as supplemental equipment

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Replacement Strategy

Reduce total extrication system from two (2) to a single core, multitool systems placed on primary engine with supporting cribbing, airbag lift system and rescue struts. Equip QRV/Rescue/Wildland with a single compact combi-tool for rapid and remote rescue duties. Future equipment should research battery powered tools to reduce physical storage requirements, and allow for more rapid deployment with limited crews. Maintenance on battery tools and life cycle ownership costs are also greatly reduced vs gas powered hydraulic systems. Both systems operate at the same 10,000psi hydraulic pressures and have similar spreading and cutting forces.

Systems should be evaluated based on expected maintenance costs and changing vehicle technologies.

Extrication / Rescue Section End

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FIRE HOSE & NOZZLES

Fire Hose is critical for the application of water through fire department attack lines, and ensuring supply from water sources to the fire pumps. Fire hose can operate with pressures exceeding 150psi during operations. Fire hoses are exposed to a variety of extremely harsh conditions containing abrasive materials, chemicals heat and cold. Our fire fighters are dependent upon the performance of fire hose to perform their duties and to ensure their safety. Failure of fire during operations is a catastrophic event that can leave fire crews without protection inside burning structures.



Code Lifespan:

NFPA 1961 'Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances' provides requirements for fire hose, couplings, nozzles, and appliances in order to ensure a reasonable level of reliability when they are used at an incident. The standard details the yearly testing that must be completed to ensure reliability of fire hose and components. The standard stated that fire hose manufactured prior to July 1987 (+30 years) should be moved from service.

Useable Lifespan:

Fire, EMS and Hazardous Materials Incidents all accelerate the wear on equipment. Even new gear can be rendered non-serviceable following a single significant exposure to heat, flame or chemicals or simply damaged during operations on an emergency scene. While this is rare within our system, these incidents can occur and result in challenges with planning a replacement cycle.

Several steps are in place to extend and maximize the service life of the equipment. The single biggest factor is training so that responders understand how to limit exposure to damaging conditions keeping themselves and their protective equipment undamaged. Members have received training in how to properly inspect, clean and request repair of hose lines and appliances. The most frequent cause of damage to hose lines is physical damage resulting from use. Yearly pressure testing will stress couplings and hose integrity.

Age and use also affects the internal components of a hoseline. A hoseline loses flow capability overtime as the interior surfaces of the hose degrade. This degradation results in increased friction loss placing more stress on pumping apparatus to provide increased pressures to achieve adequate flows. This increase pressure further stresses hose, couplings and pumps accelerating wear. This also ultimately reduces capability for the system to deliver the needed GPM to suppress larger fires.

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Useable Lifespan:

Fire, EMS and Hazardous Materials Incidents all accelerate the wear on equipment. Even new gear can be rendered non-serviceable following a single significant exposure to heat, flame or chemicals or simply damaged during operations on an emergency

Code vs Required Hose and Nozzle Compliments

NFPA Details a minimum hose complement for fire apparatus by type. This standard provides guidance by which ISO and other evaluations are performed and thereby sets an appropriate standard for us to base our baseline hose inventory off. For example, NPFA 1901 5.9.3 states that a fire engine / pumper must carry the following minimum hose for classification:

- 800ft of 2.5" or larger hose
- 400 ft. of 1 ½, 1 ¾, or 2" fire hose
- 20ft of suction hose.

This guidance provides an excellent baseline to build from; however, there are many factors that must also be evaluated independent to each department. The factors used to determine needed hose compliments for the City are based upon an evaluation of:

- Spacing between water sources / hydrants
- Hydrant and water system flows
- Occupancy setbacks from water supplies
- Required fire flow calculations
- Current apparatus pump capacity
- Staffing and availability of staffing so support hose operations
- Reserve supply hose to account for damage, wear and training.

Hoseline and Appliance Goal:

Hoseline wear can be inconsistent, but easily discovered during annual testing. It has become common practice within the fire service to replace the hose on the same service cycle as the engine which is sit on. This essentially has hose ordered along with the fire engine providing between 10 to 25 years of service depending upon the apparatus.

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of ownership. The estimate for an Engine's Hose & Appliances is approximately \$28,000. A similar inventory will be present on an Aerial Apparatus designated as a Quint.

Fire Hose & Appliances End

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RADIOS AND COMMUNICATIONS

Fire radios are the primary means by which the Fire Service communicates. Radios are essential for dispatch of emergency services, communication between responders and command, requests for additional resources, and interoperability with outside agencies. The radio system provides a secure and reliable system for communications that is depended upon cellular network technology. This ability ensures communication even in the event of communication tower failure.

Code Lifespan:

NFPA 1802 'Standard on Personal Portable (Hand-Held) Two-Way Radio Communications Devices for Use by Emergency Services Personnel in the Hazard Zone' provides general guidance for capabilities and requirements for fire service radios.

FCC regulations also dictate various items related to the use of portable and base station radios for use by emergency services. Recent changes required the transition to narrow banding broadcasting for instance. There are standards proposed that include standards such as P25 that will be effecting the fire service and future planning.

Useable Lifespan:

Fire, EMS and Hazardous Materials Incidents all accelerate the wear on equipment. Even new gear can be rendered non-serviceable following a single significant exposure to heat, flame or chemicals or simply damaged during operations on an emergency scene. While this is rare within our system, these incidents can occur and result in challenges with planning a replacement cycle. The majority of wear with fire service radios is centered on the batteries which we classify as a consumable item, typically last 2 to 5 years.

Radio Current Inventory Status

Radio units are in moderate to good status. With the recent City Council approval of funds to upgrade Emergency Radio programming, optimization and replace unusable batteries, TFD Emergency Radios should be expected to last another 3 to 5 years.

Replacement Strategy

There are significant advancements in radio technologies, code requirements (NFPA, FCC) and manufactures are quickly adapting. The single biggest driver for any change is related to either FCC mandates or changes to the county communication network.

Every responder on an emergency scene must be furnished with radio communication ability. Each apparatus seated position should be assigned a radio, each officer assigned a radio, and at least 4 reserve radios positioned at the station. It is important to note that at any time the fire department may be required to furnish radios during events to city personnel, or outside agencies. In total that accounts for 24 radios. The average cost for a standard 800mhz radio now is \$2850.00 for a total of \$68,400.00 to replace all radios.

City of Tonganoxie Fire Department Capital Equipment Replacement



Radio & Communications End

*All sizes are in inches unless otherwise specified.

Home / Turnout Gear / Bunker Coats & Pants / Morning Pride® Edge Black PBI Turnout Coat

Morning Pride® Edge Black PBI Turnout Coat



Honeywell Morning Pride® Edge Black PBI Turnout Coat delivers comfort and mobility without adding weight or bulk.

[Click here to view Morning Pride® Edge Black PBI Turnout Pants](#)

Honeywell

\$1,412.95

[View All Part Numbers](#)

***Turnout Gear Size**

Choose an Option...

* Required Fields

\$1,412.95

Qty: 1

* Required Fields

total \$ 2,571.90

MORE VIEWS



0

[Email to a Friend](#)

Used this Product? Post a review and earn 10% off your next order!

About This Product

Integrated Collar and Storm Flap T-Closer™

- Eliminates the gap found in so many other throat strap and collar designs (patented)

Unique Ergonomic Shoulder and Underarm Design

- Increases venting
- Eliminates the gusset for less bunching under the arm, increasing comfort
- Minimizes coat rise

Bar-tack Reinforced Stress Points

- For enhanced durability

Sidewinder™ Coat Pockets

- Many other pocket types available as options –all sewn below the waist to avoid overlap with SCBA straps (graded size) (patent pending)

SteamGard™ Wrist Trim

- Helps reduce the risk of compression burns and complies with the new SET requirement of NFPA 1971

Product Video

Home / Turnout Gear / Bunker Coats & Pants / Morning Pride® Edge Black PBI Turnout Pants

Morning Pride® Edge Black PBI Turnout Pants



Honeywell Morning Pride® Edge Black PBI Turnout Pants delivers comfort and mobility without adding weight or bulk.

[Click here to view Morning Pride® Edge Black PBI Turnout Coat](#)

Honeywell

\$1,128.95

[View All Part Numbers](#)

***Turnout Gear Size**

Choose an Option...

* Required Fields

\$1,128.95

Qty: 1

* Required Fields

MORE VIEWS



0

[Email to a Friend](#)

[Used this Product? Post a review and earn 10% off your next order!](#)

About This Product

Side Adjustment Pull-tabs in Tough and Durable Nomex® Webbing

- Waist adjustment of 4" to 6" provides a better, tailored fit

Full-bellows Pockets (10" x 10")

- For large capacity

Kevlar® Reinforced Pockets

- Maximized durability

Ergonomic Legs

- 2 front panels divided at the knee
- The lower front panel is convex at the knee for better mobility and fit in all positions

Choice of Knee and Cuff Reinforcements

- Matching your specification needs

Lo-rise Front, Hi-rise Back Pant

- Maximizes mobility and flexibility

Oversize Knee Reinforcements

- Cover the knee both standing and kneeling

Neoprene-lined Anti-wicking Pant Bottoms

- Protect against water wicking up

Product Video



ORDER STATUS WISH LIST BULK PRICING SHOP ALL BRANDS Search All Products



--	--	--	--	--	--	--	--

Home > PPE > Turnout Gear > MorningPride Structural Turnout Gear > Morning Pride TheFireStore Spec Structural Firefighting Bunker Gear, NFPA



Morning Pride TheFireStore Spec Structural Firefighting Bunker Gear, NFPA

REVIEWS (0) QUESTIONS & ANSWERS

Honeywell

\$1445.99

Product Code:
MP-TFSPEC-TAN

APPAREL COLOR: Black

APPAREL: Coat

QUANTITY:

total \$ 2,348.98

Product SKU: PRPROD01175 is out of stock
In stock in approximately 6 weeks. [EMAIL ME](#) when item is in stock.

Add to Wish List Add to Shopping List



Details

The best combination of thermal protection and breathable comfort.

TheFireStore Spec...Comfort, Flexibility and Ultimate Protection! NFPA 1971. Available in Black or Tan.

Key Jacket Specifications:

- Outer shell: 7.5 oz Kevlar/Nomex
- Thermal liner: 2 layer Spunlace/Meta-Aramid facecloth
- Moisture barrier: PTFE/Nomex/ParaAramid
- Foldover comfort chinstrap
- Drag rescue strap
- Inspection port liner

RELATED PRODUCTS



Morning Pride Ben 2 Low Rider
Helmet NFPA 2013 Certified

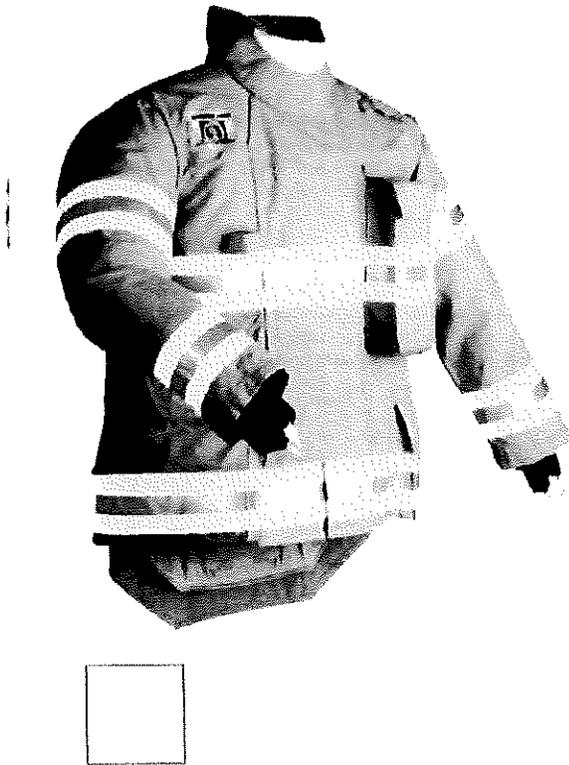


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Home > PPE > Turnout Gear > MorningPride Structural Turnout Gear > Morning Pride TheFireStore Spec Structural Firefighting Bunker Gear, NFPA



Morning Pride TheFireStore Spec Structural Firefighting Bunker Gear, NFPA

[REVIEWS \(0\)](#) [QUESTIONS & ANSWERS](#)

Honeywell

\$902.99

Product Code:
MP-TFSPEC-TAN

APPAREL COLOR: **Black**

APPAREL: **Pant**

QUANTITY:

Product SKU: PRPROD01176 is out of stock
In stock in approximately 6 weeks. [EMAIL ME](#) when item is in stock.

[Add to Wish List](#) [Add to Shopping List](#)



Details

The best combination of thermal protection and breathable comfort.

TheFireStore Spec...Comfort, Flexibility and Ultimate Protection! NFPA 1971. Available in Black or Tan.

Key Jacket Specifications:

- Outer shell: 7.5 oz Kevlar/Nomex
- Thermal liner: 2 layer Spunlace/Meta-Aramid facecloth
- Moisture barrier: PTFE/Nomex/ParaAramid
- Foldover comfort chinstrap
- Drag rescue strap
- Inspection port liner

RELATED PRODUCTS



**Morning Pride Ben 2 Low Rider
Helmet NFPA 2013 Certified**

CONRAD FIRE EQUIPMENT, INC.

887 N. Jan-Mar Court Olathe, KS 66061
www.CONRADFIRE.com
(913) 780-5521
(800) 779-5521
(913) 780-5251 Fax

QUOTATION 131904

CUSTOMER NO.
1731

BILL TO:

TONGANOXIE FIRE DEPT
526 E 4TH STREET
TONGANOXIE, KS 66086

SHIP TO:

TONGANOXIE FIRE DEPT
526 E 4TH STREET
TONGANOXIE, KS 66086

PHONE: 913/845-9494
FAX: 913/845-9495

PAGE 1

DATE	SHIP VIA	F.O.B.	TERMS				
05/25/17	GROUND		NET 30 DAYS				
PURCHASE ORDER NUMBER	ORDER DATE	SALESPERSON	OUR QUOTE NUMBER				
GEAR	05/25/17	137 137	131904				
QUANTITY	ITEM NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT			
ORDERED	SHIPPED						
1		HW4.KSTONG00026	TONGANOXIE TAIL, 75758KSTONG	1,290.22	1,290.22		
1		HW4.KSTONG00027	TONGANOXIE PANT, 78758KSTONG	880.55	880.55		
Product Total		Discount	Freight	Taxable Amount	Tax	Misc. Amt.	QUOTATION TOTAL
2,170.77		0.00	0.00	2,170.77	0.00		2,170.77

8,683.08 for 4 sets

"WE APPRECIATE YOUR BUSINESS"
RETURNED GOODS WILL NOT BE ACCEPTED WITHOUT PRIOR RETURN AUTHORIZATION NUMBER FROM CONRAD FIRE EQUIPMENT. ALL RETURNS ARE SUBJECT TO A RESTOCKING FEE.

HONEYWELL FIRST RESPONDER PRODUCTS

Clothing Specification Quote 2016 Price List

Spec ID : KSTONG00026**Fire Dept : Tonganoxie City of Fire Dept****Freight :We pay****Dealer : Conrad Fire Equipment, Inc.****Delivery :30-60 Day Ctrt****Spec Date : 5/25/2017 3:06:53 PM****Expires : 12/31/2017****Quote # : 78758KSTONG**

To assure you receive this special pricing, the above quote number must appear on all orders referenced to same. Any additions or deviations from original quote must be on order and are subject to additional cost.

Item	Description
REFRESH	**REENGINEERED**
REV1	*** Revision 1 ***
LTOTOS62B	LTO Tail Outer Shell -7 osy PBI Max - Black
LTOTTLB	LTO Tail Thermal Liner -7.4 osy Glide Ice 2 Layer
LTOTMB3	LTO Tail Moisture Barrier -4.7 osy Type 2F Crosstech Black
IPLC	Std -Inspection Port Liner
LNDC	Std-Liner detachable
LNSETTE	Std -SET Thermal Enhancement
PKTLSTD	Std -Liner Label Pocket
RS-RRSAC	(R01) Std-Articulating Rapid Rescue Strap
TR-DSS	Std -Trim Double-Stitched
TRC304M-TL	Trim -(4) NEW YORK -lime 2-tone Scotchlite (3")
LTBACK-62B	Back Patch - PBI Max - Black
LT3S01-SL	3" sewn letter -lime Scotchlite
	< TONGANOXIE >
LTHEMV-62B	Hem Patch w/Velcro - PBI Max - Black
LT3S01-SL	3" sewn letter -lime Scotchlite
	< --NAME- > - FF LAST NAME (1st INITIAL when specified) - Avg. 7 letters - OK to use 2" letters to fit
CLZV2-62B	(E10) 2" Velcro/Zipper Coat Closure
CCLTO-62B	(Q02) LTO Comfort Chinstrap
CCBLK	Black Knit Material on Comfort Chinstrap
LNDAPC	Dead Air Panels
CFCC-ARB	Coat Cuffs - Arashield - Black
SATU-NONE	Delete Standard Take Up Straps
PKHBLNX-62B	X-Large Half Hi Bellows Pockets - PBI Max - Black 7 x 10 x 2
PKBLCHW-FLC	Handwarmers behind Bellows Pockets - Fleece
PKMTX-62B	X-Large Mic Tab - PBI Max - Black 1 X 4
	--left chest
PKRD-62B	Radio Pocket - PBI Max - Black 8 x 3 x 2
	--left chest
PKRD-FNL	Notch Flap -Left
PKSLHN-62B	Lanyard Flashlight Clip -Style #2 - PBI Max - Black
	--right chest
WWSTHNXX	Sub Wristlets -Long with turned thumbhole -Kevlar/Nomex

**25 FRONT LENGTH & LONGER WEB#_23033 Spec Limitation: Half Hi Bellows Pockets - 7" x 10" x 2" with radio

*HONEYWELL FIRST RESPONDER PRODUCTS*Clothing Specification Quote
2016 Price List**Spec ID : KSTONG00027****Freight :We pay****Delivery :30-60 Day Ctrt****Expires : 12/31/2017****Fire Dept : Tonganoxie City of Fire Dept****Dealer : Conrad Fire Equipment, Inc.****Spec Date : 5/25/2017 3:15:43 PM****Quote # : 78758KSTONG**

To assure you receive this special pricing, the above quote number must appear on all orders referenced to same. Any additions or deviations from original quote must be on order and are subject to additional cost.

Item	Description
REFRESH	**REENGINEERED**
REV1	*** Revision 1 ***
LTOPOS62B	LTO Pant Outer Shell -7 osy PBI Max - Black
LTOPTLB	LTO Pant Thermal Liner -7.4 osy Glide Ice 2 Layer
LTOPMB3	LTO Pant Moisture Barrier -4.7 osy Type 2F Crosstech Black
IPLP	Std -Inspection Port Liner
LNDP	Std -Liner Detachable
TR-DSSP	Std -Trim Double-Stitched
TRP307M-TL	Trim -(7) NFPA -lime 2-tone Scotchlite (3")
CLWV2-62B	(J04) Wide Fly - 2" Velcro w/Hook & Dee
CL-FZ	(S16) Fly -Zipper
LNLBPK	Liner Label Pocket
CFAN-ARB	(O03) Angled Cuffs - Arashield - Black
CFPC-ARB	Pant Cuffs - Arashield - Black
KNBF-62B	BiFlex Heat Channel Knees - PBI Max - Black
KNBFH-ARB	Horizontal Strips in BiFlex knees to be Arashield - Black
SATUP2-62B	Take Up Straps - 2 Postman - PBI Max - Black
PKBLP-62B	Bellows Pockets - PBI Max - Black 9 x 9 x 2
PKRPF-KV	Lined with Kevlar
OPSSA	Snap Style Suspender Attachment
SPDFSQI	Dyna-Fit Suspenders w/ Snap Attach & Quick Adjust Installed
SPP	Suspender Padding

This quote, which received special pricing in consideration for services you as a dealer provided, cannot be used to offer pricing to any Federal Agency, US Military branch, the National Guard, or the Coast Guard. If you receive inquiries from such agencies, please contact your inside customer service representative. Additionally, these prices cannot be used to bid on specs developed by other dealers. Finally, since this special pricing was developed in response to services provided by you for your direct customer, it cannot be used to provide prices to other companies whose purpose would be to re-sell the products.

Jack Holcom

From: Adam Payne <AdamP@conradfire.com>
Sent: Tuesday, May 30, 2017 6:26 PM
To: Jack Holcom
Subject: RE: Gear Quote
Attachments: EPSON001.PDF

Chief,

This quote is based on the specific spec we created for your department. I've attached the specs for the quote to this email.

If it will help you out, we can order 8 sets now. Then bill you for four sets when they come in and bill you for the other four sets after the first of the year.

Thanks,

Adam Payne
Conrad Fire Equipment
785-331-6717 cell
800-779-5521 office
adamp@conradfire.com
www.conradfire.com

From: Jack Holcom [<mailto:jholcom@tonganoxie.org>]
Sent: Tuesday, May 30, 2017 5:16 PM
To: Adam Payne
Subject: RE: Gear Quote

Hello Adam,

Is there a specific spec for what we decided we wanted for TFD's gear? Or, are we using one of the two specs you sent me? I want to put together the packet by tomorrow afternoon.

And, what was it you were telling me about buy 4 sets now and pay for them.....and get 4 more sets but pay for them the first of 2018?

Thanks,

Jack Holcom, Fire Chief
City of Tonganoxie, Kansas
Fire Dept.: (913) 845-2620 ext. 1200
www.tonganoxie.org

From: Adam Payne [<mailto:AdamP@conradfire.com>]
Sent: Tuesday, May 30, 2017 2:23 PM



Office of the City Manager
AGENDA STATEMENT

DATE: June 19, 2017
To: Honorable Mayor Jason K. Ward and Members of the City Council
FROM: Jamie Shockley, Assistant City Manager
SUBJECT: May 2017 Financial Report

DISCUSSION:

As of May 31, or 42% through the fiscal year, the City collected 47% of budgeted revenues in all funds and spent 32% of budgeted expenditures.

Below are further highlights:

General Fund

Revenues

- Overall General Fund revenues are currently tracking at 45% of budget estimates. In May of 2017, General Fund revenues were tracking at 48% of budget estimates.
- Total sales tax revenue collected in the General Fund through May adds up to \$182,680, or 44% of budget estimates. Collections through May of this year came in at about \$21,889, or 12% more than what was collected through May of 2016. .
- Use tax has collected \$43,955 in the General Fund through May. This equals 40% of budget estimates for the year. Collections through May show a slight decrease from what was collected through May of 2016.
- Property tax collection is currently tracking at 53% of budget estimates. No property tax payments were received in May. The next larger payments will be received in June and October. 53% of property taxes had also been collected through May of last year.
- Building permits collected 114% of budget estimates through May. Collections so far this year are showing a 54% increase from what was collected through May of last year.
- Municipal court fines have collected 36% of budget estimates through May. Collections this year are showing a 25% decrease from this time last year; however, last year's collections were much larger than what we typically see in most years.
- Franchise fees have collected 43% of budget estimates through May. Collections this year are showing an 11% increase from what was collected through May of 2016, mostly due to increased payments from electric and gas utilities.

Expenditures

- Overall General Fund expenditures are tracking at 39% of budgeted expenditures as of the end of May. In 2016, General Fund expenditures were also tracking at 39% of budgeted expenditures by the end of May
- As of the end of May, 35% of the personal services budget has been expended in the General Fund, while 53% of contractual services, 30% of commodities, 25% of equipment, and 54% of the debt service budgets have been expended. The large costs associated with contractual services are due to increased professional services directly related to development review.

Utility Funds

- The Water Operations Fund is tracking at 42% of revenue estimates and 39% of budgeted expenditures. Specifically, water charges collected totaled \$342,657 making up 44% of budget estimates for the year. This is about 5% more than what was collected through May of 2016.
- The Sewer Operations Fund is tracking at 45% of revenue estimates and 30% of budgeted expenditures. Revenues collected through May represent a 6% increase from what was collected at this time last year, a portion of which is due to increased revenue from sewer inspections. There was not a sewer rate increase in 2017.
- The Sanitation Fund is tracking at 42% of revenue estimates and 44% of budgeted expenditures. This fund has collected 2% more in revenue this year than it did this time last year. The trash rates for 2017 did not increase.

Other Funds

- The Special Highway Fund is tracking at 70% of revenue estimates for the year and 21% of budgeted expenditures.
- The Capital Projects Fund collected 49% of budget estimates for the year and spent 12% of the total budget authority. This fund's main revenue source is the countywide sales and use tax. So far this year, \$190,996 has been collected from this sales and use tax, which is a 5% increase from what was collected through May of 2016.
- The Water Park Sales Tax collected 47% of revenue estimates for the year, and collected 9%, or about \$15,000, more than what was collected through May of 2017.
- The Water Equipment and Sewer Equipment Reserve funds are performing exceptionally well. The Water Equipment Reserve fund has collected 105% of revenue estimates for the year through May and the Sewer Equipment Reserve Fund has collected 100%. The revenue in these funds comes from water taps and sewer inspections, which are paid on new development when the building permit fee is paid. The increase in development we've already seen this year is directly impacting the performance of these funds.

cc: George Brajkovic, City Manager
Jeff Brandau, Police Chief
Kent Heskett, Public Works Director
Jack Holcom, Fire Chief



City of Tonganoxie, KS

Revenue Report Group Summary

For Fiscal: 2017 Period Ending: 05/31/2017

Fund	Original	Current	Period	Fiscal	Variance	Percent Used
	Total Budget	Total Budget	Activity	Activity	(Unfavorable)	
100 - General Fund	2816958.00	2,816,958.00	140,759.74	1,270,189.28	-1,546,768.72	45.09 %
210 - Water Operations Fund	1154749.00	1,154,749.00	98,462.10	482,262.31	-672,486.69	41.76 %
220 - Sewer Operations Fund	775000.00	775,000.00	68,288.83	346,769.93	-428,230.07	44.74 %
230 - Sanitation Fund	341000.00	341,000.00	28,949.32	143,062.99	-197,937.01	41.95 %
310 - Transient Guest Tax	1500.00	1,500.00	91.52	91.52	-1,408.48	6.10 %
330 - Special Parks	5000.00	5,000.00	0.00	1,683.15	-3,316.85	33.66 %
340 - Special Highway	169500.00	169,500.00	4,267.08	118,776.31	-50,723.69	70.07 %
360 - Capital Projects	445000.00	445,000.00	39,036.71	215,996.01	-229,003.99	48.54 %
410 - Fire Equipment Reserve	82200.00	82,200.00	6,878.23	138,049.75	55,849.75	167.94 %
420 - Police Equipment Reserve	15000.00	15,000.00	3,378.98	9,390.00	-5,610.00	62.60 %
430 - Sewer Capital Reserve	30250.00	30,250.00	4,125.00	30,225.00	-25.00	99.92 %
440 - Water Capital Reserve	21000.00	21,000.00	3,000.00	22,000.00	1,000.00	104.76 %
450 - Capital Reserve	20000.00	20,000.00	0.00	0.00	-20,000.00	0.00 %
500 - Debt, Bond, and Interest	864496.00	864,496.00	35,518.14	387,648.83	-476,847.17	44.84 %
Report Total:	6,741,653.00	6,741,653.00	432,755.65	3,166,145.08	-3,575,507.92	46.96 %

Fund Summary

Fund	Original	Current	Period	Fiscal	Variance	Percent
	Total Budget	Total Budget	Activity	Activity	Favorable (Unfavorable)	Used
100 - General Fund	2,816,958.00	2,816,958.00	140,759.74	1,270,189.28	-1,546,768.72	45.09 %
210 - Water Operations Fund	1,154,749.00	1,154,749.00	98,462.10	482,262.31	-672,486.69	41.76 %
220 - Sewer Operations Fund	775,000.00	775,000.00	68,288.83	346,769.93	-428,230.07	44.74 %
230 - Sanitation Fund	341,000.00	341,000.00	28,949.32	143,062.99	-197,937.01	41.95 %
310 - Transient Guest Tax	1,500.00	1,500.00	91.52	91.52	-1,408.48	6.10 %
330 - Special Parks	5,000.00	5,000.00	0.00	1,683.15	-3,316.85	33.66 %
340 - Special Highway	169,500.00	169,500.00	4,267.08	118,776.31	-50,723.69	70.07 %
360 - Capital Projects	445,000.00	445,000.00	39,036.71	215,996.01	-229,003.99	48.54 %
410 - Fire Equipment Reserve	82,200.00	82,200.00	6,878.23	138,049.75	55,849.75	167.94 %
420 - Police Equipment Reserve	15,000.00	15,000.00	3,378.98	9,390.00	-5,610.00	62.60 %
430 - Sewer Capital Reserve	30,250.00	30,250.00	4,125.00	30,225.00	-25.00	99.92 %
440 - Water Capital Reserve	21,000.00	21,000.00	3,000.00	22,000.00	1,000.00	104.76 %
450 - Capital Reserve	20,000.00	20,000.00	0.00	0.00	-20,000.00	0.00 %
500 - Debt, Bond, and Interest	864,496.00	864,496.00	35,518.14	387,648.83	-476,847.17	44.84 %
Report Total:	6,741,653.00	6,741,653.00	432,755.65	3,166,145.08	-3,575,507.92	46.96 %



City of Tonganoxie, KS

Expenditure Report Group Summary

For Fiscal: 2017 Period Ending: 05/31/2017

Fund	Original	Current	Period	Fiscal	Variance	Percent
	Total Budget	Total Budget	Activity	Activity	Favorable (Unfavorable)	Used
100 - General Fund	2916958.00	2,916,958.00	260,540.20	1,123,146.29	1,793,811.71	38.50 %
210 - Water Operations Fund	1149290.00	1,149,290.00	80,036.37	446,677.92	702,612.08	38.87 %
220 - Sewer Operations Fund	775000.00	775,000.00	44,259.57	234,158.37	540,841.63	30.21 %
230 - Sanitation Fund	341000.00	341,000.00	29,642.22	149,752.57	191,247.43	43.92 %
310 - Transient Guest Tax	1500.00	1,500.00	0.00	0.00	1,500.00	0.00 %
320 - Library Operations	377852.00	377,852.00	4,516.23	186,448.44	191,403.56	49.34 %
330 - Special Parks	5000.00	5,000.00	911.23	911.23	4,088.77	18.22 %
340 - Special Highway	169500.00	169,500.00	0.00	35,495.00	134,005.00	20.94 %
350 - Water Park Sales Tax	365000.00	365,000.00	35,518.14	172,274.10	192,725.90	47.20 %
360 - Capital Projects	482092.00	482,092.00	437.50	56,524.29	425,567.71	11.72 %
410 - Fire Equipment Reserve	132200.00	132,200.00	27,234.34	33,873.17	98,326.83	25.62 %
420 - Police Equipment Reserve	50000.00	50,000.00	0.00	3,592.00	46,408.00	7.18 %
430 - Sewer Capital Reserve	220000.00	220,000.00	5,500.00	18,866.15	201,133.85	8.58 %
440 - Water Capital Reserve	50000.00	50,000.00	5,745.00	20,545.00	29,455.00	41.09 %
450 - Capital Reserve	20000.00	20,000.00	0.00	0.00	20,000.00	0.00 %
500 - Debt, Bond, and Interest	864496.00	864,496.00	0.00	27,373.38	837,122.62	3.17 %
Report Total:	7,919,888.00	7,919,888.00	494,340.80	2,509,637.91	5,410,250.09	31.69 %

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
100 - General Fund	2,916,958.00	2,916,958.00	260,540.20	1,123,146.29	1,793,811.71	38.50 %
210 - Water Operations Fund	1,149,290.00	1,149,290.00	80,036.37	446,677.92	702,612.08	38.87 %
220 - Sewer Operations Fund	775,000.00	775,000.00	44,259.57	234,158.37	540,841.63	30.21 %
230 - Sanitation Fund	341,000.00	341,000.00	29,642.22	149,752.57	191,247.43	43.92 %
310 - Transient Guest Tax	1,500.00	1,500.00	0.00	0.00	1,500.00	0.00 %
320 - Library Operations	377,852.00	377,852.00	4,516.23	186,448.44	191,403.56	49.34 %
330 - Special Parks	5,000.00	5,000.00	911.23	911.23	4,088.77	18.22 %
340 - Special Highway	169,500.00	169,500.00	0.00	35,495.00	134,005.00	20.94 %
350 - Water Park Sales Tax	365,000.00	365,000.00	35,518.14	172,274.10	192,725.90	47.20 %
360 - Capital Projects	482,092.00	482,092.00	437.50	56,524.29	425,567.71	11.72 %
410 - Fire Equipment Reserve	132,200.00	132,200.00	27,234.34	33,873.17	98,326.83	25.62 %
420 - Police Equipment Reserve	50,000.00	50,000.00	0.00	3,592.00	46,408.00	7.18 %
430 - Sewer Capital Reserve	220,000.00	220,000.00	5,500.00	18,866.15	201,133.85	8.58 %
440 - Water Capital Reserve	50,000.00	50,000.00	5,745.00	20,545.00	29,455.00	41.09 %
450 - Capital Reserve	20,000.00	20,000.00	0.00	0.00	20,000.00	0.00 %
500 - Debt, Bond, and Interest	864,496.00	864,496.00	0.00	27,373.38	837,122.62	3.17 %
Report Total:	7,919,888.00	7,919,888.00	494,340.80	2,509,637.91	5,410,250.09	31.69 %



Fund	Beginning Balance	Total Revenues	Total Expenses	Ending Balance
100 - General Fund	433,821.49	1,270,189.28	1,123,146.29	580,864.48
210 - Water Operations Fund	362,025.50	482,262.31	446,677.92	397,609.89
220 - Sewer Operations Fund	273,231.74	346,769.93	234,158.37	385,843.30
230 - Sanitation Fund	120,859.99	143,062.99	149,752.57	114,170.41
310 - Transient Guest Tax	1,527.94	91.52	0.00	1,619.46
330 - Special Parks	15,042.12	1,683.15	911.23	15,814.04
340 - Special Highway	148,974.25	118,776.31	35,495.00	232,255.56
360 - Capital Projects	177,233.68	215,996.01	56,524.29	336,705.40
410 - Fire Equipment Reserve	96,449.74	138,049.75	33,873.17	200,626.32
420 - Police Equipment Reserve	15,610.44	9,390.00	3,592.00	21,408.44
430 - Sewer Capital Reserve	308,031.66	30,225.00	18,866.15	319,390.51
440 - Water Capital Reserve	273,325.28	22,000.00	20,545.00	274,780.28
450 - Capital Reserve	915.03	0.00	0.00	915.03
500 - Debt, Bond, and Interest	249,920.65	387,648.83	27,373.38	610,196.10
Report Total:	2,476,969.51	3,166,145.08	2,150,915.37	3,492,199.22