



**FARMERSVILLE CITY COUNCIL  
REGULAR SESSION AGENDA  
August 23, 2016, 6:00P.M.  
Council Chambers, City Hall  
205 S. Main Street**

**I. PRELIMINARY MATTERS**

- Call to Order, Roll Call, Prayer and Pledge of Allegiance
- Announcements
- Calendar of upcoming holidays and meetings

**II. PUBLIC COMMENT**

Anyone wanting to speak on any items that are not the subject of a Public Hearing on this agenda is asked to speak at this time, with an individual time limit of three (3) minutes. This forum is limited to a total of thirty (30) minutes. If a speaker inquires about an item that is not included on this Agenda, the City Council or City Staff may only respond with: (1) a statement of specific factual information; (2) a recitation of existing policy; (3) a suggestion that the speaker meet with City Staff to discuss the matter; or (4) a proposal that the item be placed on the agenda of a future meeting.

**III. CONSENT AGENDA**

Items in the Consent Agenda consist of non-controversial or "housekeeping" items required by law. Council members may request prior to a motion and vote on the Consent Agenda that one or more Items be withdrawn from the Consent Agenda and considered individually. Following approval of the Consent Agenda, excepting the items requested to be removed, the City Council will consider and act on each item so withdrawn individually.

Consider, discuss, and act on the following matters, minutes and reports, which consideration and discussion may also include or pertain to individual items and projects set forth in such matters, minutes and reports, as well as related background information and plans for future completion, performance or resolution as may be

necessary to understand such individual items and projects and the City's related operation:

- A. City Council Minutes
- B. City Financial Report

#### **IV. INFORMATIONAL ITEMS**

These Informational Items are intended solely to keep the City Council apprised of the actions and efforts of the various boards and commissions serving the City of Farmersville. Council members may deliberate and/or request further information or clarification regarding any one or more of the items contained in this provision. City Council approval of, or action on, these items is not required or requested.

Consider, discuss, and act on the following matters, minutes and reports, which consideration and discussion may also include or pertain to individual items and projects set forth in such matters, minutes and reports, as well as related background information and plans for future completion, performance or resolution as may be necessary to understand such individual items and projects and the City's related operation:

- A. City Manager's Verbal Report

#### **V. PUBLIC HEARING**

- A. Public Hearing to consider, discuss and approve proposed projects for the Farmersville Economic Development Corporation's Fiscal Year Budget 2016-2017
- B. Public Hearing to consider, discuss and approve proposed projects for the Farmersville Community Development Corporation's Fiscal Year Budget 2016-2017

#### **VI. READING OF ORDINANCE(S)**

- A. First Reading to consider, discuss, and act upon Ordinance # O-2016-0906-001 amending Chapter 29 of the Farmersville Code of Ordinances through the Addition of a new Section 29-551 explaining the application of Section 29-55 to the International Fire Code, 2009 Edition
- B. Second Reading to consider, discuss, and act upon Ordinance # O-2016-0823-001 deleting Section 71-277, entitled "State Highway 78 (SH 78)," in its entirety and adopting a new Section 71-277, also entitled "State Highway 78 (SH 78)" to adopt new speed limits within certain areas of State Highway 78 zones based on a speed zone study conducted by, and as directed by, the Texas Department of Transportation

## **VII. REGULAR AGENDA**

- A. Consider, discuss, and act upon Resolution # R-2016-0823-001 requesting that TxDOT re-conduct speed zone study during the academic year and further reduce the speed limit on Hwy 78
- B. Consider, discuss, and act upon signage in school zones
- C. Consider, discuss, and act upon a briefing related to City Hall and Public Safety Building renovations and modifications
- D. Consider, discuss, and act upon authorizing the City Manager to negotiate a contract for solid waste disposal services and/or recycling collection and disposal services with the highest ranking proposer(s) from the proposers who submitted responses to the City's Request for Qualifications and Proposals for City-wide Solid Waste Collection and Recycling Services
- E. Consider, discuss, and act upon proceeding forward with Request for Proposals/Qualifications for administrative/application services and for professional engineering services for the 2016 Texas Capital Fund Main Street Program and 2017/2018 Texas Community Development Block Grant (CDBG) Program
- F. Consider, discuss, and act upon setting the date and place for a Farmersville City Council strategic planning session to 9:00 am, Saturday, 8 October 2016 at the Civic Center

## **VIII. BUDGET WORKSHOP UPDATES**

## **IX. REQUESTS TO BE PLACED ON FUTURE AGENDAS**

## **X. ADJOURNMENT**

**Dated this the 19<sup>th</sup> day of August, 2016.**



Diane C. Piwko

*The City Council reserves the right to adjourn into Executive Session at any time during the course of this meeting to discuss any matters listed on the agenda, as authorized by the Texas Government Code, including, but not limited to, Sections 551.071 (Consultation with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices), 551.087 (Economic Development), 418.175-183 (Deliberations about Homeland Security Issues) and as authorized by the Texas Tax Code, including, but not limited to, Section 321.3022 (Sales Tax Information).*

*Persons with disabilities who plan to attend this meeting and who may need assistance should contact the City Secretary at 972-782-6151 or Fax 972-782-6604 at least two (2)*

*working days prior to the meeting so that appropriate arrangements can be made.  
Handicap Parking is available in the front and rear parking lot of the building.*

I, the undersigned authority, do hereby certify that this Notice of Meeting was posted in the regular posting place of the City Hall building for Farmersville, Texas, in a place and manner convenient and readily accessible to the general public at all times, and said Notice was posted August 19th, 2016 by 5:00 P.M. and remained so posted continuously at least 72 hours proceeding the scheduled time of said meeting.

  
\_\_\_\_\_  
Paula Jackson, Assistant to the City Manager

## I. Preliminary Matters

# August

# 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2 Senior Citizen Advisory Committee 4pm	3 Summer Reading Club at Rike Library	4	5	6 Farmers & Fleas
7	8 FCDC (4B) 5:45pm	9 COURT City Council Meeting 6pm	10 Summer Reading Club at Rike Library	11	12	13
14	15	16 Main Street Board 5pm	17 Summer Reading Club at Rike Library	18 FEDC (4A) 7pm	19	20
21	22 FISD School Board 7pm	23 COURT City Council Meeting 6pm	24	25 B&PS 6pm	26	27
28	29	30 Special City Council Meeting 6pm (1 <sup>st</sup> Public Hearing to adopt tax rate	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# September

# 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	1	1	2	3 Farmers & Fleas
4	5 Labor Day City Offices Closed	6 Special City Council Meeting 6pm (2 <sup>nd</sup> Public Hearing to adopt tax rate	7	8	9	10
11	12 FCDC (4B) 5:45pm	13 City Council Meeting 6pm (Vote to Adopt Tax Rate)	14	15 FEDC (4A) 7pm	16	17
18	19 Parks Board 4pm P&Z Commission 6:30 pm	20 COURT  Main Street Board 5pm	21	22 B&PS 6pm	23	24
25	26 FISD 7pm	27 City Council Meeting 6pm	28	29	30	1
2	3	4	5	6	7	8

# October

# 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1	2	3 Old Time Saturday
5	6	7	8	9	10	11
12	13	14 COURT	15	16	17	18
19	20 FCDC (4B) 5:45pm	21 City Council Meeting 6pm	22	23	24	25 Mini RAT 3 day race begins
26	27 Parks Board 4pm P&Z Commission 6:30 pm	28 COURT  Main Street Board 5pm	29	30 FEDC (4A) 7pm	31	1 Trick-it-up Bike Ride
3	4 FISD 7pm	5 City Council Meeting 6pm	6	7 Library/Civic Center Board 4:30pm	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



## II. Public Comment

Agenda Section	Public Comment
Section Number	II
Subject	Public Comment
To	Audience
From	Mayor
Date	August 23, 2016
Attachment(s)	None
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	<p>Anyone wanting to speak on any items that are not the subject of a Public Hearing on this agenda is asked to speak at this time, with an individual time limit of three (3) minutes. This forum is limited to a total of thirty (30) minutes. If a speaker inquires about an item that is not included on this Agenda, the City Council or City Staff may only respond with: (1) a statement of specific factual information; (2) a recitation of existing policy; (3) a suggestion that the speaker meet with City Staff to discuss the matter; or (4) a proposal that the item be placed on the agenda of a future meeting.</p>
Action	<ul style="list-style-type: none"> <li>• No action</li> <li>• A statement of specific factual information</li> <li>• A recitation of existing policy</li> <li>• A suggestion that the speaker meet with City Staff to discuss the matter</li> <li>• A proposal that the item be placed on the agenda of a future meeting</li> </ul>

### **III. Consent Agenda**

Agenda Section	Consent Agenda
Section Number	III.A
Subject	City Council Minutes
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	Minutes
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>



**FARMERSVILLE CITY COUNCIL  
REGULAR SESSION MINUTES  
for  
June 28, 2016, 5:00 P.M.**

**I. PRELIMINARY MATTERS**

- Council members Klostermann, Mason, Hesse, Piwko, Hurst, Caspari were all present as were several members of the City staff. Fire Chief, Kim Morris, led the Invocation and Pledges to the United States and Texas flags.
- Announcements
  - City offices will be closed on Monday, July 4<sup>th</sup> in honor of Independence Day.
  - Sparks of Freedom celebration will be held on July 4<sup>th</sup> at South Lake Park. Festivities begin at 2pm. Activities include a car show, food and games, vendors, and live music by the Clay Potter Band.

**II. PUBLIC COMMENT**

- NONE

**III. CONSENT AGENDA**

- Leaca Caspari pulled the City Manager's Report and City Council Minutes; Michael Hesse pulled the Fire Dept. Report, Police Dept. Report and Code Enforcement Report
  - Motion to approve City Financial Reports, Municipal Court Report, Warrant Officer Report, Municipal Court Report, Public Works Report, Library Report Main Street Report and IT Report was made by Mike Hurst
  - 2<sup>nd</sup> to approve was made by Leaca Caspari
  - All council members were in favor thereby approving the motion

- Leaca Caspari asked City Manager, Ben White, if part of the Main Street Grant will address accessibility. She also asked if an application is in the works. Ben White responded that an application will be put together. Mayor Piwko added that downtown business owners need to be involved. Ben White assured her that they would be involved.
- Pertaining to Platinum level transparency: Leaca Caspari asked what the city needs to do to maintain that ranking. Ben White responded that the State requirements have changed and are more rigorous but City staff is working to meet the requirements.
  - Motion to approve the City Manager's Report was made by Leaca Caspari
  - 2<sup>nd</sup> to approve was made by Mike Hurst
  - All council members were in favor thereby approving the motion
- With regard to the May 10<sup>th</sup> City Council Minutes, Leaca Caspari asked if city staff was following up on Items F (911 Emergency Communications District) and G (Limited Access Roadways). Police Chief Sullivan responded that there has not been any communication regarding public safety from NCTCOG. City Secretary, Mary Tate, stated that she sent the Resolution (# R-2016-0510-001) back to NCTCOG. They confirmed that the Resolution was received. Leaca Caspari said the City needs to be proactive about following up with resolutions that are approved and signed.
  - Motion to approve minutes was made by Leaca Caspari
  - 2<sup>nd</sup> to approve was made by John Klostermann
  - All council members were in favor thereby approving the motion
- Michael Hesse addressed the Police Department Report and asked if there was a particular reason for the disparity between Tier 1 and Tier 2. Chief Sullivan responded that he would have to look at the report more closely. He said there was one theft that may have caused an anomaly.
- Michael Hesse requested that the Code Enforcement Report be sorted by address so that repeated circumstances are easily recognized.
  - Motion to approve the Police Department and Code Enforcement Reports was made by Michael Hesse
  - 2<sup>nd</sup> to approve was made by Donny Mason
  - All council members were in favor thereby approving the motion
- Fire Department Report: Leaca Caspari commended the phenomenal performance of the Fire Department in battling the fire on South Main Street. She stated that she was very proud and appreciative of their efforts.

- Mayor Piwko asked what the cause of the fire was. Fire Chief Morris responded that it was most likely electrical, but that is not confirmed at this time. Mike Hurst asked what the anticipated clean-up time was. City Manager, Ben White, said that he will continue to follow up on that. Michael Hesse asked if there was anything that could have been done differently. Chief Morris said that he met with Ben White and the County Fire Marshal. He believes the department had everything they needed to successfully battle the fire. Chief Morris stated that the Quint was a good investment and allowed them to put the fire out as quickly as they did.
  - Motion to approve the Fire Department Report was made by Leaca Caspari
  - 2<sup>nd</sup> to approve was made by Mike Hurst
  - All council members were in favor thereby approving the motion

#### **IV. INFORMATIONAL ITEMS**

- Leaca Caspari had a question regarding the 4A Minutes. She asked what the status was of the Collin College expansion. Ben White responded that the City has received continual updates. Collin College is redoing their master plan so that the Farmersville Branch is dedicated to specific fields of study.
  - Motion to approve the Informational Items was made by Leaca Caspari
  - 2<sup>nd</sup> to approve was made by Donny Mason
  - All council members were in favor thereby approving the motion

#### **V. REGULAR AGENDA**

- A. Consider, discuss, and act upon a presentation on the findings from the Citizen Satisfaction Survey
  - Presentation from the UTA students who compiled the survey
- B. Consider, discuss, and act upon a recommendation from the Planning & Zoning Commission for final approval for Lots 1, 2, and 3, Block 1 of the Neathery Johnson Addition, in the W.B. Williams Survey, Abstract No. 952
  - Ben White stated that the Plat has been approved by P&Z with no contingencies. The plat meets all requirements, and the city staff recommends approval
    - Motion to approve was made by Leaca Caspari
    - 2<sup>nd</sup> to approve was made by John Klostermann
    - All council members were in favor thereby approving the motion

- C. Consider, discuss, and act upon a recommendation from P&Z that City Council request that 4A fund the cost for a consultant to work with a subcommittee of the Planning & Zoning Commission and a subcommittee of the City Council, to exam, evaluate, and recommend revisions to the City's Sign Ordinance that will clarify the language and promote economic development
- P&Z Council Liaison, John Klostermann, explained that P&Z discussed incorporating revisions to the Sign Ordinance as part of the Zoning Ordinance rewrite. P&Z suggested forming a joint committee with Council to finalize the specifics Farmersville should take in developing the ordinance. Mike Hurst commented that the hired firm should be familiar with places similar to Farmersville. Leaca Caspari stated that Council should postpone appointing the committees until 4A decides to fund the project.
    - Motion to approve was made Leaca Caspari
    - 2<sup>nd</sup> to approve was made by John Klostermann
    - All council members were in favor thereby approving the motion
- D. Consider, discuss, and act upon a decision to review financial and budgetary information that supports pursuing financing for waste water system improvements
- Ben White explained that he, Eddy Daniel of DBI, and Daphne Hamlin reviewed the cash balances and expenditures in the wastewater area. Daphne Hamlin stated that there are \$1.2 million in reserves which would help support the cost of the plant until growth comes to Farmersville. This number is calculated at a no-growth assumption. Mayor Piwko said the reserves would cover approximately 6 years of payments, therefore the risk is fairly low. Eddy Daniel added that there is the possibility of adding to the reserves in the future if a rate increase were to take place. Mayor Piwko concluded that she feels comfortable moving forward on the waste water treatment plant at this time.
  - No motion, no action because the previous council had approved the project; the current council concurs with the previous council's decision
- E. Consider, discuss and act upon awarding a public works contract and change order for an 8-inch diameter force main, lift station, and gravity sewer project to the presumptive responsible low bidder Morton Construction Co.
- Eddy Daniel explained what the bids were for. He proposes that the City move forward with the force main projects and deduct the lift station. Morton Construction has agreed to lock the price as they originally bid. The award is contingent upon removing the lift station. The change order for this would deduct approximately \$314,000. City Attorney, Alan Lathrom, added that the contractor has consented to the reduction. Mayor



Piwko asked what the time frame is for the work. Eddy Daniel responded that work could be completed between 60 and 150 days. The process may take time because we have to get approvals from several state agencies. Leaca Caspari asked if people have approached Eddy about development. Eddy Daniel said that he has been contacted by interested commercial developers.

- Motion to approve contract award and change order was made by John Klostermann
- 2<sup>nd</sup> to approve was made by Donny Mason
- All council members were in favor thereby approving the motion

F. Consider, discuss, and act upon SH 78 waste water road bore bids

- Ben White told Council that these bids are part of a grant for Hwy 78 10-inch sewer lines. We replaced all the lines and have money left over. The city proposed using the extra money to bore new manholes. The City will use the public works crew to meet the match rather than a cash match.
  - Motion to move forward with the Hwy 78 bore project was made by Donny Mason
  - 2<sup>nd</sup> to approve was made by Mike Hurst
  - All council members were in favor thereby approving the motion

G. Consider, discuss, and act upon a resolution authorizing the submission of a Collin County Park and Open Space Assistance Program Application

- Motion to approve the submission of the grant application was made by Michael Hesse
- 2<sup>nd</sup> to approve was made by John Klostermann
- All council members were in favor thereby approving the motion

H. Consider, discuss, and act upon a resolution amending authorized representatives for TexPool

- Daphne Hamlin explained that the amendment was necessary because of council and staff turnover. Mayor Piwko asked if Items H. and I. could be lumped in to one motion. That is acceptable. The motion is presented under Item I. below.

I. Consider, discuss, and act upon a resolution amending authorized representatives for TexSTAR

- Motion to approve the resolutions for Items H. and I. was made by Leaca Caspari
- 2<sup>nd</sup> to approve was made by John Klostermann
- All council members were in favor thereby approving the motion

J. Consider, discuss, and act upon a contract amendment with Collin County for EMS services during the 2016-2017 fiscal year

- Motion to approve contract amendment was made by John Klostermann
  - 2<sup>nd</sup> to approve was made by Donny Mason
  - All council members were in favor thereby approving the motion
- K. Consider, discuss, and act upon a contract amendment with Collin County to provide fire inspection and fire plan review for the 2016-2017 fiscal year
- Motion to table the item until the correct contract is provided by the County was made by Donny Mason
  - 2<sup>nd</sup> was made by Leaca Caspari
  - All council members were in favor thereby approving the motion
- Break at 7:33pm
  - Reconvene at 7:42pm

**VI. BUDGET WORKSHOP**

- Finance Director Daphne Hamlin addressed Council with a budget presentation. She stated that all the numbers were preliminary. After reviewing the budget, Mayor Piwko requested that the following be added: 1. Public Works Director; 2. Command vehicle for the fire department
- City Manager, Ben White, responded that personnel budget is very tight and does not believe the city is able to add a Public Works Director at this time.

**VII. REQUESTS TO BE PLACED ON FUTURE AGENDAS**

- NONE

**VIII. ADJOURNMENT**

- Meeting was adjourned at 9:04pm

Agenda Section	Consent Agenda
Section Number	III.B
Subject	City Financial Report
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	Financial Reports
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

## MEMO

To: Benjamin White, City Manager  
From: Daphne Hamlin, City Accountant  
Date: August 18, 2016  
Subject: July 2016 Budget Report

The monthly budget report will focus on the analysis of budgetary variances of the revenues and expenditures of each of the major operating funds and project the impact on available fund balance. As a benchmark for comparison, we'll bear in mind that as of the end of July, 10/12 months or 83.33% of the fiscal year has passed. For revenues and expenditures occurring evenly throughout the year, we expect to have used or collected close the 83.33% level, and to have 16.67% remaining budget for the remaining of the year.

Presented in this format are: 1) an executive summary describing current budget issues, 2) budgetary comparison schedules of each major operating fund of the city, and 3) a fiscal year to date activity summary for cash and investments.

### **Executive Summary**

The major operating funds that are part of the annual operating budget of the city are the general, water & wastewater, refuse, and electric funds.

#### **General Fund**

Total revenues in the general fund are 83.89% collected and total expenses are 77.13%

Ad Valorem collections currently received is 96.9%. Delinquent Ad Valorem received is \$188.97%

Sales Tax current collection rate @ 88.06%. Projection is to meet budget predictions

Municipal Court Revenues currently collected is 59.61%. Now that Police Department is fully staffed we should see an improvement in collections by end of year.

Interest Earned is up from last year. We are currently have exceeded expectations and budget amendments will follow to allow for changes.

### Refuse Fund

Total revenues are 84.47% and total expenses are 80.26%.

### Water & Wastewater Fund

Total revenues for the Water Fund are 84.33% Total revenues for the Wastewater Fund are 80.33%

Water expenses in Administration are 84.45%. Water Department overall expenditures are 78.52%

Wastewater expenses are 75.66%.

### Electric Fund

Total revenues are 70.78%; the expenses are at 83.18% and include transfers to general fund.

### Cash Summary

The cash summary is attached.

# SUMMARY OF CASH BALANCES JULY 2016

ACCOUNT: FNB (0815)	Interest Earned	Restricted	Assigned	Account Balance
<b>Clearing Accounts</b>				
General Fund			\$ 568,753.58	
Permit Fund			\$ (5,774.40)	
Refuse Fund			\$ 92,642.05	
Water Fund			\$ (322,642.16)	
Wastewater Fund			\$ 365,648.90	
Electric Fund			\$ (408,328.65)	
CC Child Safety	\$ 24,668.94			
2012 Bond	\$ 106,338.17			
Law Enf Training	\$ 11,046.35			
Disbursement Fund	\$ (190,031.91)			
Library Donation Fund	\$ 2,477.08			
Court Tech/Sec	\$ 23,015.70			
Grants	\$ (264,077.34)			
CC Bond Farmersville Parkway	\$ 180,000.86			
CC Bond Floyd	\$ (49,667.75)			
Equipment Replacement	\$ 5,322.29			
<b>TOTAL:</b>	<b>\$ 39.66</b>	<b>\$ (150,907.61)</b>	<b>\$ 290,299.32</b>	<b>\$ 139,391.71</b>
<b>Debt Service Accounts</b>				
County Tax Deposit (FNB 0807)(Debt Service)	\$ 87.35	\$ 226,483.80		
Debt Service Reserve (Texpool 0014 ) (2 months)	\$ 33.86	\$ 108,036.85		
<b>TOTAL:</b>	<b>\$ 121.21</b>	<b>\$ 334,520.65</b>		<b>\$ 334,520.65</b>
<b>Appropriated Surplus Investment Accounts</b>				
Customer meter deposits (Texpool 0008)	\$ 33.77	\$ 107,827.90		
2012 G/O Bond, streets, water, wastewater (Tex:	\$ 746.84	\$ 2,278,183.08	-	
<b>TOTAL:</b>	<b>\$ 780.61</b>	<b>\$ 2,386,010.98</b>	<b>\$ -</b>	<b>\$ 2,386,010.98</b>
<b>Unassigned Surplus Investment Accounts</b>				
Gen Fund Acct. (Texpool 0004)( Reso. 90 Day F	\$ 271.59	\$ 668,525.00	\$ 198,175.00	
Water/WW Fund (Texpool 0003)(Operating 90 d	\$ 185.90	\$ 593,381.18		
Water/WW Fund (Texpool 00017)(Capital)	\$ 236.42	\$ 754,790.61		
Elec. Fund (Texpool 0005) (Operating)	\$ 15.65	\$ 50,000.00		
Elec. Fund (Texpool 0016)(Capital)	\$ 100.57	\$ 321,003.99		
Elec. Surcharge (Texpool 0015)	\$ 37.99	\$ 121,180.97		
Money Market Acct. (FNB 092)	\$ 9.31		\$ 73,326.35	
<b>TOTAL:</b>	<b>\$ 857.43</b>	<b>\$ 2,508,881.75</b>	<b>\$ 271,501.35</b>	<b>\$ 2,780,383.10</b>
<b>Contractor Managed Accounts Nonspendable</b>				
NTMWD Sewer Plant Maint. Fund		\$ 18,100.17		
<b>TOTAL APPROPRIATED SURPLUS</b>		<b>\$ 18,100.17</b>	<b>\$ -</b>	<b>\$ 18,100.17</b>
<b>TOTAL CASH &amp; INVESTMENT ACCOUNTS</b>	<b>\$ 5,096,605.94</b>	<b>\$ 561,800.67</b>	<b>\$ 5,658,406.61</b>	

## SUMMARY OF CASH BALANCES JULY 2016

FEDC 4A Board Investment & Checking Account					
FEDC 4A Checking Account(Independent Bank	\$	4.19	\$	114,810.16	
FEDC 4A Investment Account (Texpool 0001)	\$	193.73	\$	618,326.97	
FEDC 4A Certificate of Deposit (Independent Ba	\$	71.72	\$	250,000.00	
<b>TOTAL:</b>	<b>\$</b>	<b>269.64</b>	<b>\$</b>	<b>983,137.13</b>	<b>\$ - \$ 983,137.13</b>

FCDC 4B Board Investment & Checking Account					
FCDC 4B Checking Account (Independent Bank	\$	3.93	\$	99,774.53	
FCDC 4B Investment Account (Texpool 0001)	\$	26.62	\$	85,072.74	
<b>TOTAL:</b>	<b>\$</b>	<b>30.55</b>	<b>\$</b>	<b>184,847.27</b>	<b>\$ - \$ 184,847.27</b>

TIRZ Account					
County Tax Deposits (FNB 01276)	\$	15.30	\$	114,326.81	
<b>TOTAL:</b>	<b>\$</b>		<b>\$</b>	<b>114,326.81</b>	<b>\$ - \$ 114,326.81</b>

Note: Salmon color used to indicate an item dedicated to a specific project or need

The Public Funds Investment Act (Sec.2256.008) requires the City's Investment Officer to obtain 10 hrs. of continuing education each period from a source approved by the governing body. Listed below are courses Daphne Hamlin completed to satisfy that requirement:

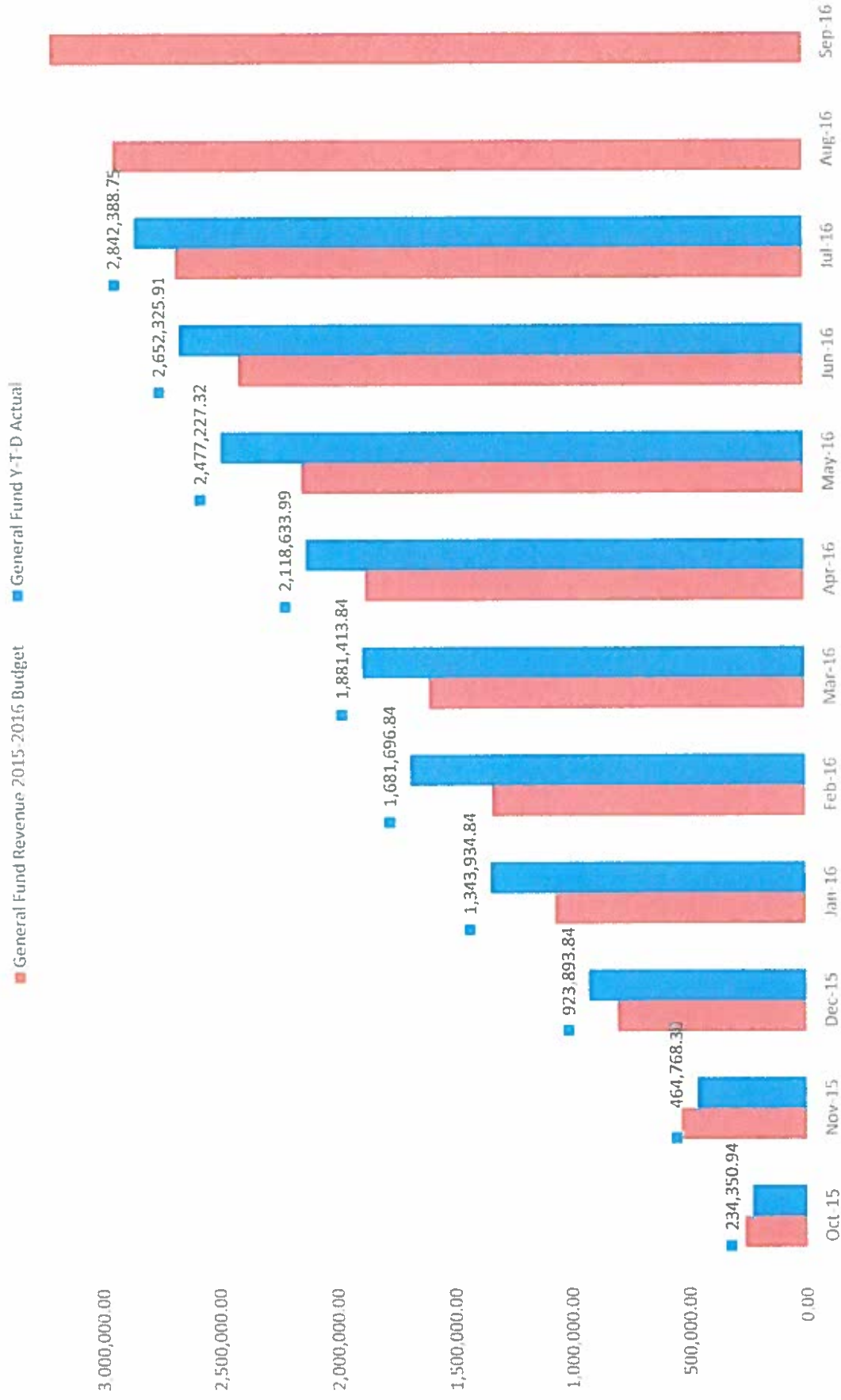
10-2014 NCTCOG - Public Funds Inv Act.

I hereby certify that the City of Farmersville's Investment Portfolio is in compliance with the City's investment strategy as expressed in the City's Investment Policy (Resolution 99-17, and with relevant provisions of the law.

Daphne Hamlin

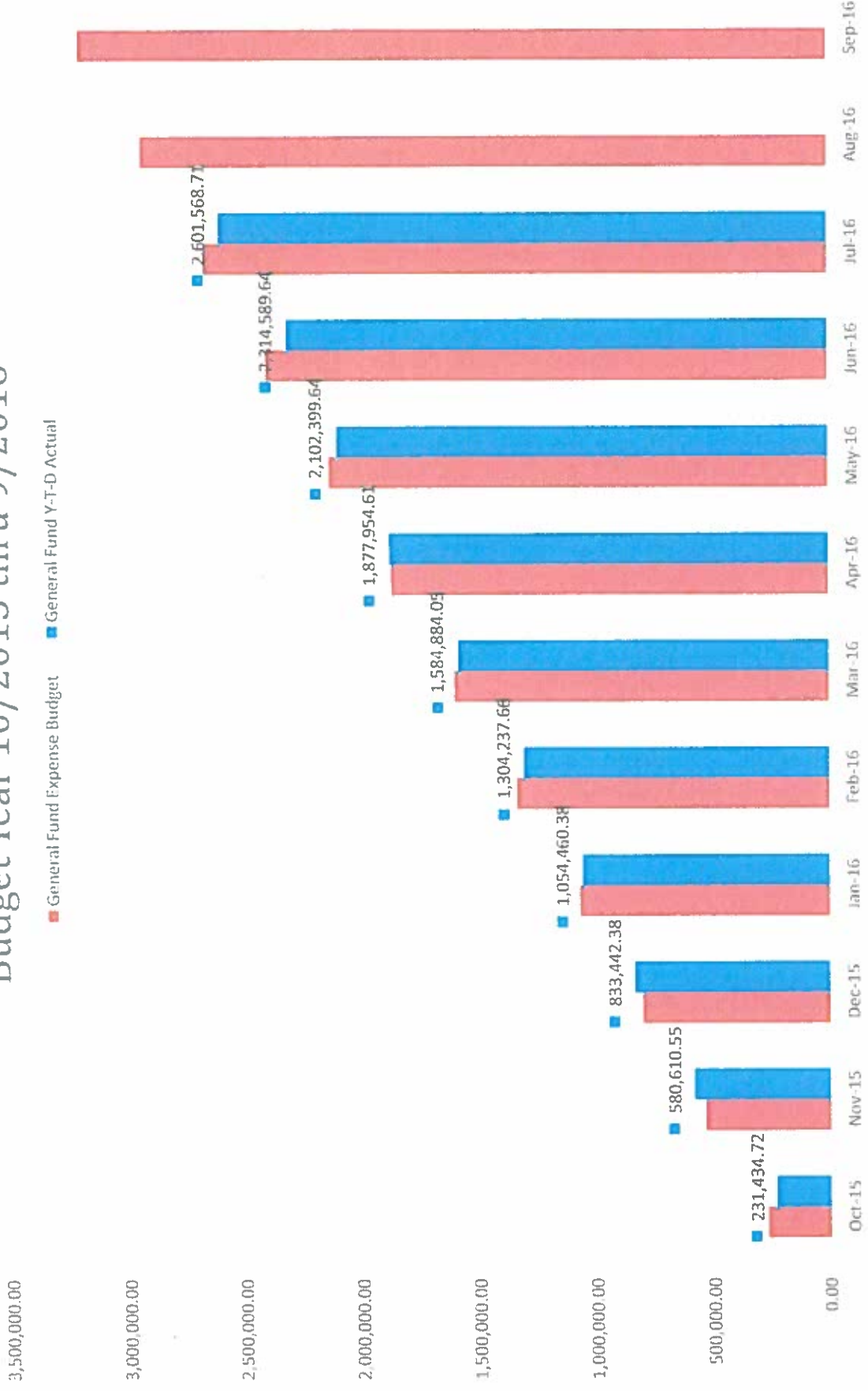
Daphne Hamlin, City Investment Officer

# General Fund Revenue Progress Budget Year 10/2015 thru 9/2016

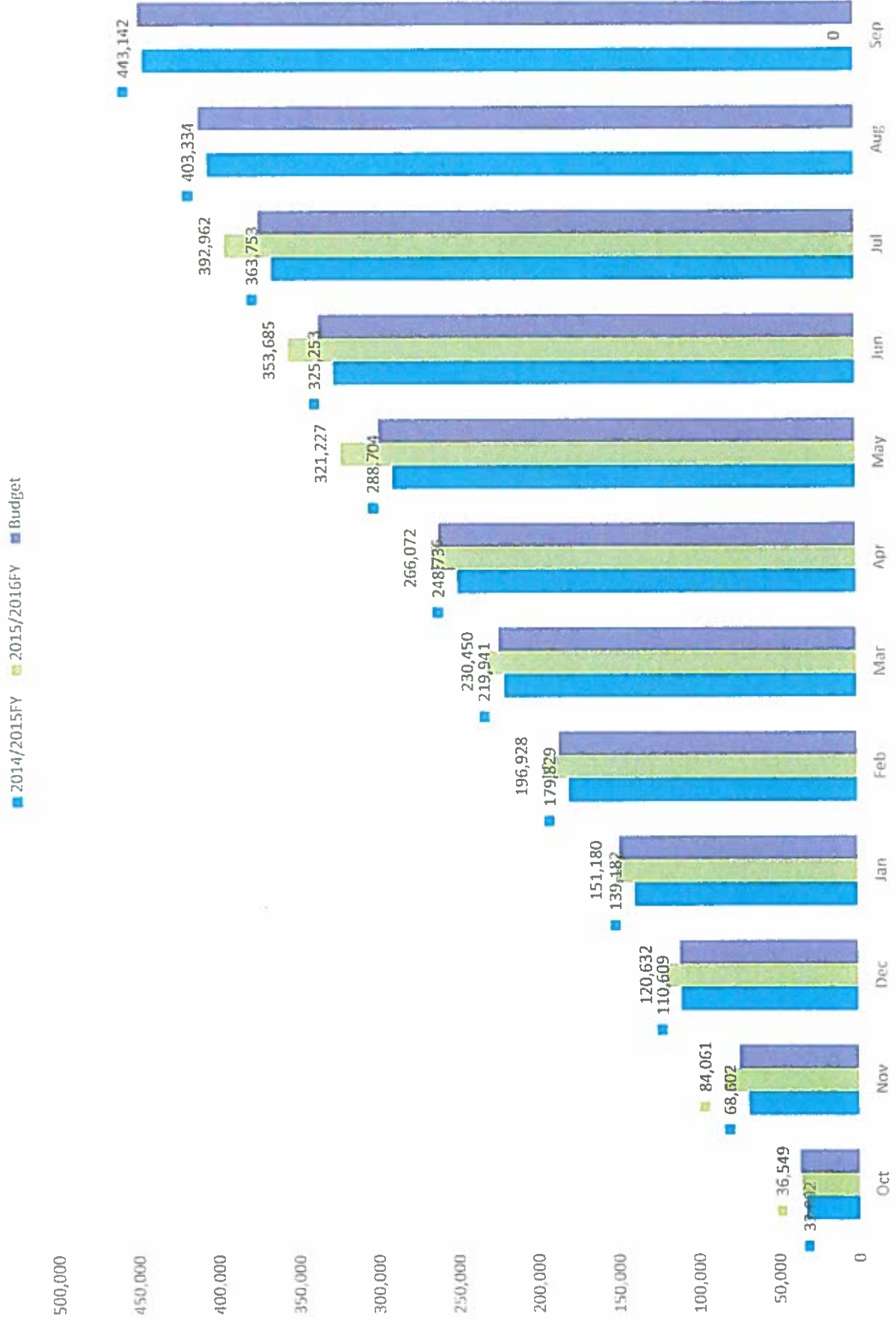




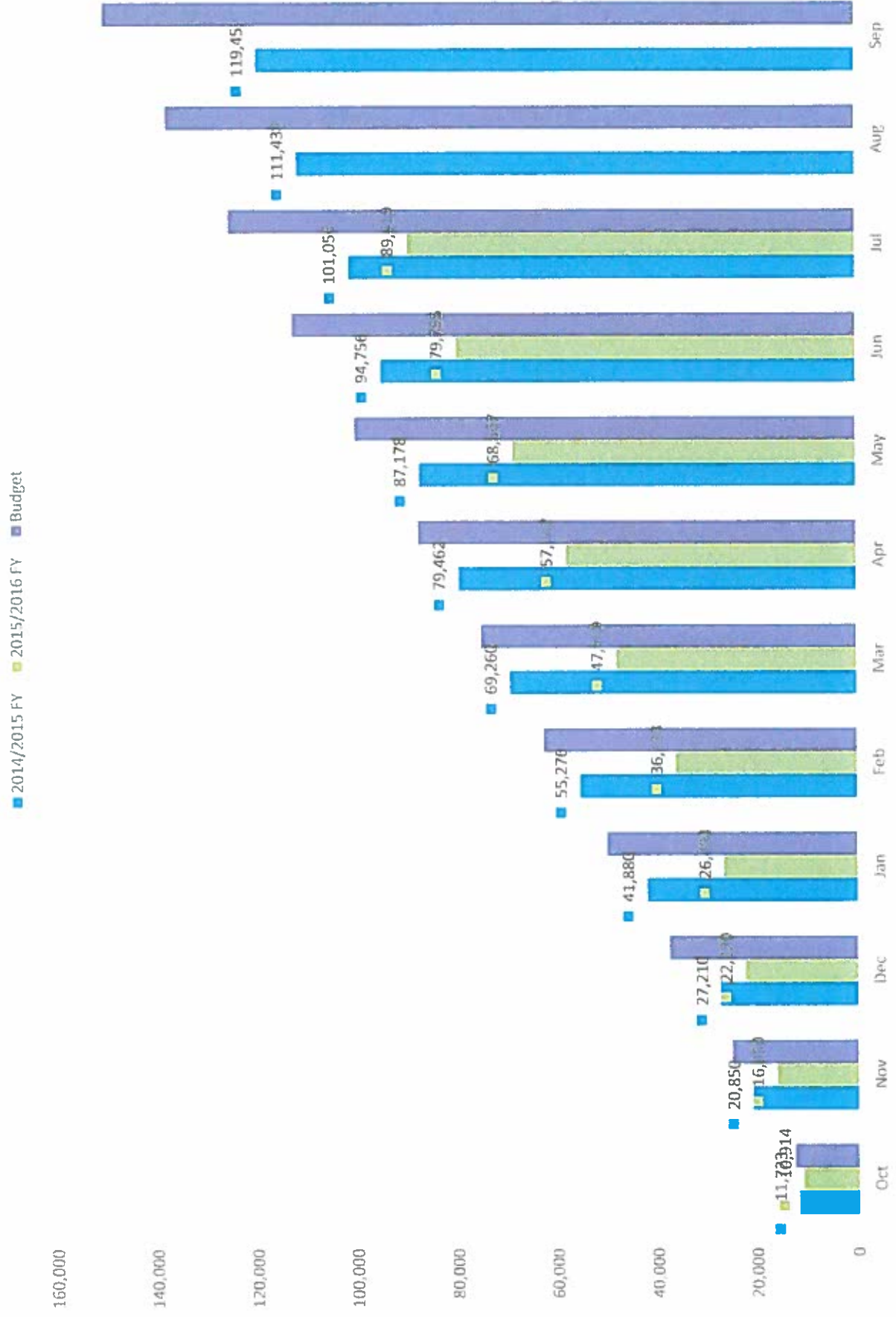
# General Fund Expense Budget Year 10/2015 thru 9/2016



# Sales Tax Chart Comparison



# Municipal Court Revenue Comparison Chart



100-GENERAL FUND  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 83.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
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REVENUE SUMMARY

00-REVENUE	3,388,161	190,062.84	2,842,335.52	0.00	545,825.48	83.89
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TOTAL REVENUES	3,388,161	190,062.84	2,842,335.52	0.00	545,825.48	83.89
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EXPENDITURE SUMMARY

00-TRANSFER OUT						
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-TRANSFER OUT	0	0.00	0.00	0.00	0.00	0.00

11-MAYOR & CITY COUNCIL

PERSONNEL SERVICES	2,040	150.00	1,680.00	0.00	360.00	82.35
CONTRACTS & PROF. SVCS	150	0.00	0.00	0.00	150.00	0.00
MAINTENANCE	0	470.40	1,115.53	0.00	1,115.53	0.00
MISCELLANEOUS	11,225	0.00	6,955.33	0.00	4,269.67	61.96
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 11-MAYOR & CITY COUNCIL	13,415	620.40	9,750.86	0.00	3,664.14	72.69

12-ADMINISTRATION

PERSONNEL SERVICES	248,896	18,631.05	189,757.18	0.00	59,138.82	76.24
CONTRACTS & PROF. SVCS	116,300	12,290.53	124,456.51	0.00	8,156.51	107.01
MAINTENANCE	99,335	14,648.79	76,010.66	100.00	23,224.34	76.62
UTILITIES	21,550	2,200.85	18,386.69	0.00	3,163.31	85.32
SUPPLIES	20,500	1,419.68	20,370.05	0.00	129.95	99.37
MISCELLANEOUS	67,055	1,865.69	48,676.40	0.00	18,378.60	72.59
CAPITAL EXPENDITURES	39,303	510.47	46,290.27	261.99	7,249.26	118.44
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 12-ADMINISTRATION	612,939	51,567.06	523,947.76	361.99	88,629.25	85.54

14-MUNICIPAL COURT

PERSONNEL SERVICES	136,246	10,320.98	108,528.93	0.00	27,717.07	79.66
CONTRACTS & PROF. SVCS	25,300	2,500.00	14,332.14	0.00	10,967.86	56.65
MAINTENANCE	14,175	930.83	8,471.45	100.00	5,603.55	60.47
UTILITIES	1,200	103.10	1,104.93	0.00	95.07	92.08
SUPPLIES	11,000	0.00	4,848.68	0.00	6,151.32	44.08
MISCELLANEOUS	8,255	615.29	5,202.37	0.00	3,052.63	63.02
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 14-MUNICIPAL COURT	196,176	14,470.20	142,488.50	100.00	53,587.50	72.68

15-LIBRARY

PERSONNEL SERVICES	120,800	9,411.26	96,669.60	0.00	24,130.40	80.02
CONTRACTS & PROF. SVCS	300	0.00	32.14	0.00	267.86	10.71
MAINTENANCE	36,760	1,831.89	21,967.20	100.00	14,692.80	60.03
UTILITIES	9,750	1,113.52	7,148.51	0.00	2,601.49	73.32
SUPPLIES	3,700	374.80	2,734.59	0.00	965.41	73.91
MISCELLANEOUS	3,205	151.50	3,288.52	0.00	83.52	102.61

CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

100-GENERAL FUND FINANCIAL SUMMARY % OF YEAR COMPLETED: 83.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<b>CAPITAL EXPENDITURES</b>	15,000	2,231.67	12,412.17	0.00	2,587.83	82.75
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 15-LIBRARY	189,515	15,114.64	144,252.73	100.00	45,162.27	76.17
<b>16-CIVIC/CENTER</b>	16,500	3,256.25	10,290.37	0.00	6,209.63	62.37
UTILITIES	16,500	3,256.25	10,290.37	0.00	6,209.63	62.37
TOTAL 16-CIVIC/CENTER						
<b>21-POLICE DEPT.</b>	778,733	59,355.97	602,456.48	0.00	176,276.52	77.36
PERSONNEL SERVICES	51,642	8,097.83	47,275.78	0.00	4,366.22	91.55
CONTRACTS & PROF. SVCS	1,000	0.00	56.50	0.00	943.50	5.65
MISCELLANEOUS	93,865	3,350.76	64,539.62	100.00	29,225.38	68.86
MAINTENANCE	36,580	2,863.22	27,455.31	0.00	9,124.69	75.06
UTILITIES	65,600	3,652.83	35,688.39	4,481.35	25,430.26	61.23
SUPPLIES	23,500	1,509.11	18,858.79	0.00	4,641.21	80.25
MISCELLANEOUS	0	198.64	189.71	0.00	189.71	0.00
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 21-POLICE DEPT.	1,050,920	78,631.08	796,141.16	4,581.35	250,197.49	76.19
<b>22-FIRE DEPT.</b>	180,380	12,207.70	137,051.61	0.00	43,328.39	75.98
PERSONNEL SERVICES	43,315	250.00	30,517.40	0.00	12,797.60	70.45
CONTRACTS & PROF. SVCS	1,500	9.63	554.06	0.00	945.94	36.94
MISCELLANEOUS	46,767	605.94	21,943.31	283.52	24,540.17	47.53
MAINTENANCE	1,500	143.99	1,924.09	0.00	424.09	128.27
UTILITIES	40,500	1,491.53	25,397.27	628.50	14,474.23	64.26
SUPPLIES	13,500	301.50	9,764.86	0.00	3,735.14	72.33
MISCELLANEOUS	0	0.00	0.00	0.00	0.00	0.00
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 22-FIRE DEPT.	327,462	15,010.29	227,152.60	912.02	99,397.38	69.65
<b>34-STREET SYSTEM</b>	133,557	13,501.85	110,372.00	0.00	23,185.00	82.64
PERSONNEL SERVICES	7,300	0.00	5,836.35	0.00	1,463.65	79.95
CONTRACTS & PROF. SVCS	201,767	20,873.67	101,614.22	0.00	100,152.78	50.36
MISCELLANEOUS	6,500	778.77	2,067.20	0.00	4,432.80	31.80
MAINTENANCE	8,950	489.63	6,873.95	0.00	2,076.05	76.80
UTILITIES	11,500	624.00	5,830.85	0.00	5,669.15	50.70
SUPPLIES	1,500	0.00	537.50	0.00	962.50	35.83
MISCELLANEOUS	0	0.00	0.00	0.00	0.00	0.00
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 34-STREET SYSTEM	371,074	36,267.92	233,132.07	0.00	137,941.93	62.83
<b>60-PUBLIC WORKS BLDG</b>	61,157	8,821.50	89,429.94	0.00	28,272.94	146.23
PERSONNEL SERVICES	13,500	87.67	1,798.43	0.00	11,701.57	13.32
CONTRACTS & PROF. SVCS	26,999	1,241.72	40,817.73	0.00	13,818.73	151.18
MISCELLANEOUS	2,500	0.00	8,245.15	5,146.69	10,891.84	535.67
MAINTENANCE	17,985	1,366.11	12,876.92	0.00	5,108.08	71.60
UTILITIES	2,000	0.00	143.48	0.00	1,856.52	7.17
SUPPLIES						

100-GENERAL FUND  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 83.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
MISCELLANEOUS	150	0.00	0.00	0.00	150.00	0.00
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 60-PUBLIC WORKS BLDG	124,291	11,517.00	153,311.65	5,146.69	34,167.34	127.49
39-PARKS						
PERSONNEL SERVICES	77,455	4,110.08	40,453.79	0.00	37,001.21	52.23
CONTRACTS & PROF. SVCS	81,250	9,380.00	70,046.60	0.00	11,203.40	86.21
MISCELLANEOUS	40,000	1,305.11	16,681.37	0.00	23,318.63	41.70
MAINTENANCE	16,500	2,670.78	12,691.11	0.00	3,808.89	76.92
UTILITIES	77,850	12,070.34	45,827.73	0.00	32,022.27	58.87
SUPPLIES	11,000	624.00	2,314.14	0.00	8,685.86	21.04
MISCELLANEOUS	1,000	0.00	689.52	0.00	310.48	68.95
CAPITAL EXPENDITURES	0	0.00	3,000.00	0.00	3,000.00	0.00
TOTAL 39-PARKS	305,055	30,160.31	191,704.26	0.00	113,350.74	62.84
71-DEBT SERVICE						
DEBT SERVICE	180,815	30,363.92	169,928.03	0.00	10,886.97	93.98
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 71-DEBT SERVICE	180,815	30,363.92	169,928.03	0.00	10,886.97	93.98
TOTAL EXPENDITURES	3,388,162	286,979.07	2,602,099.99	11,202.05	774,859.96	77.13
REVENUE OVER/(UNDER) EXPENDITURES	(	1)(	240,235.53	11,202.05)	229,034.48)	3,348.00-

## 100-GENERAL FUND

% OF YEAR COMPLETED: 83.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
00-REVENUE	598,968	6,263.22	580,403.15	0.00	18,564.85	96.90
100.00.5711.000 AD VALOREM TAX	0	0.00	0.00	0.00	0.00	0.00
100.00.5712.000 CC CONV FEE COURT	0	0.00	0.00	0.00	0.00	0.00
100.00.5713.000 DEL. TAX,PEN. & INT.	10,000	525.67	18,896.95	0.00	8,896.95	188.97
100.00.5714.000 CC CONV FEE UTILITY	0	0.00	0.00	0.00	0.00	0.00
100.00.5715.000 TIRZ	0	0.00	0.00	0.00	0.00	0.00
100.00.5721.000 SALES TAX	446,250	39,276.85	392,964.19	0.00	53,285.81	88.06
100.00.5722.000 BEVERAGE TAX	2,600	622.21	2,234.74	0.00	365.26	85.95
100.00.5730.000 FRANCHISE FEES - GARBAGE	0	0.00	0.00	0.00	0.00	0.00
100.00.5731.000 FRANCHISE FEES - GAS	30,000	0.00	34,876.70	0.00	4,876.70	116.26
100.00.5732.000 SKYBEAM	58,320	4,860.00	48,628.14	0.00	9,691.86	83.38
100.00.5733.000 ELEC. FUND FRANCHISE FEE	6,500	0.00	5,881.10	0.00	618.90	90.48
100.00.5734.000 FRANCHISE FEES - TELE.	4,500	5.61	2,752.80	0.00	1,747.20	61.17
100.00.5735.000 FRANCHISE FEES - CABLE	13,000	3,386.89	13,201.44	0.00	201.44	101.55
100.00.5736.000 FRANCHISE FEES - OTHER	0	0.00	0.00	0.00	0.00	0.00
100.00.5741.000 PERMITS & INSPECTIONS	36,750	1,331.00	14,068.96	0.00	22,681.04	38.28
100.00.5742.000 PLANNING & ZONING FEES	2,000	0.00	0.00	0.00	2,000.00	0.00
100.00.5743.000 FEES	100	0.00	55.00	0.00	45.00	55.00
100.00.5744.000 PENALTIES	150,000	9,624.87	89,421.07	0.00	60,578.93	59.61
100.00.5745.000 CNTY FIRE RUNS	110,997	0.00	111,427.66	0.00	430.66	100.39
100.00.5746.000 UNION SHED RENTAL	1,000	0.00	750.00	0.00	250.00	75.00
100.00.5747.000 COUNTY LIBRARY FUND	0	3,990.51	15,962.04	0.00	15,962.04	0.00
100.00.5748.000 MICRO CHIP PROGRAM	0	0.00	0.00	0.00	0.00	0.00
100.00.5749.000 MUN. CT. BLDG. SECURITY	0	0.00	0.00	0.00	0.00	0.00
100.00.5750.000 MAIN STREET EVENTS	0	0.00	0.00	0.00	0.00	0.00
100.00.5751.000 MUN. CT. TECHNOLOGY FUND	0	0.00	0.00	0.00	0.00	0.00
100.00.5754.000 GRANT PROCEEDS	16,747	1,395.64	13,956.40	0.00	2,790.60	83.34
100.00.5758.000 T-MOBILE LEASE	255	0.00	205.00	0.00	50.00	80.39
100.00.5759.000 GAMING MACHINE LICENSE	0	0.00	0.00	0.00	0.00	0.00
100.00.5760.000 SRO SUPPORT	0	305.26	2,208.40	0.00	1,608.40	368.07
100.00.5762.000 INTEREST EARNED	600	0.00	0.00	0.00	600.00	0.00
100.00.5763.000 FEDC 4A STAFF SUPPORT	600	0.00	0.00	0.00	0.00	0.00
100.00.5764.000 FCDC IMPROVEMENTS	0	0.00	0.00	0.00	0.00	0.00
100.00.5765.000 RENT E. TX. MED CTR.	12,000	1,000.00	15,000.00	0.00	3,000.00	125.00
100.00.5766.000 FEDC IMPROVEMENT FUND	0	0.00	0.00	0.00	0.00	0.00
100.00.5767.000 OTHER REVENUE	0	0.00	0.00	0.00	0.00	0.00
100.00.5768.000 S W BELL LEASE	7,200	0.00	6,277.08	0.00	922.92	87.18
100.00.5769.000 OTHER INCOME	25,000	421.40	6,758.06	0.00	18,241.94	27.03
100.00.5770.000 C.C. CHILD SAFETY	0	0.00	0.00	0.00	0.00	0.00
100.00.5771.000 ATHLETIC COMPLEX	0	0.00	0.00	0.00	0.00	0.00
100.00.5772.000 PUBLIC WORKS REVENUE	0	0.00	35,712.12	0.00	35,712.12	0.00
100.00.5773.000 REVENUE RESCUE	0	0.00	1,048.00	0.00	1,048.00	0.00
100.00.5774.000 ALARM FEE	700	25.00	525.00	0.00	175.00	75.00
100.00.5775.000 TEXAS FOREST SERVICE GRA	0	0.00	0.00	0.00	0.00	0.00
100.00.5776.000 LIBRARY GRANT	0	0.00	4,845.90	0.00	4,845.90	0.00
100.00.5777.000 BRICK CAMPAIGN	0	0.00	0.00	0.00	0.00	0.00
100.00.5778.000 PARK DEDICATION FEE	0	0.00	0.00	0.00	0.00	0.00
100.00.5790.000 COURT EOY CORRECTION	0	0.00	0.00	0.00	0.00	0.00

## 100-GENERAL FUND

% OF YEAR COMPLETED: 83.33

## REVENUES

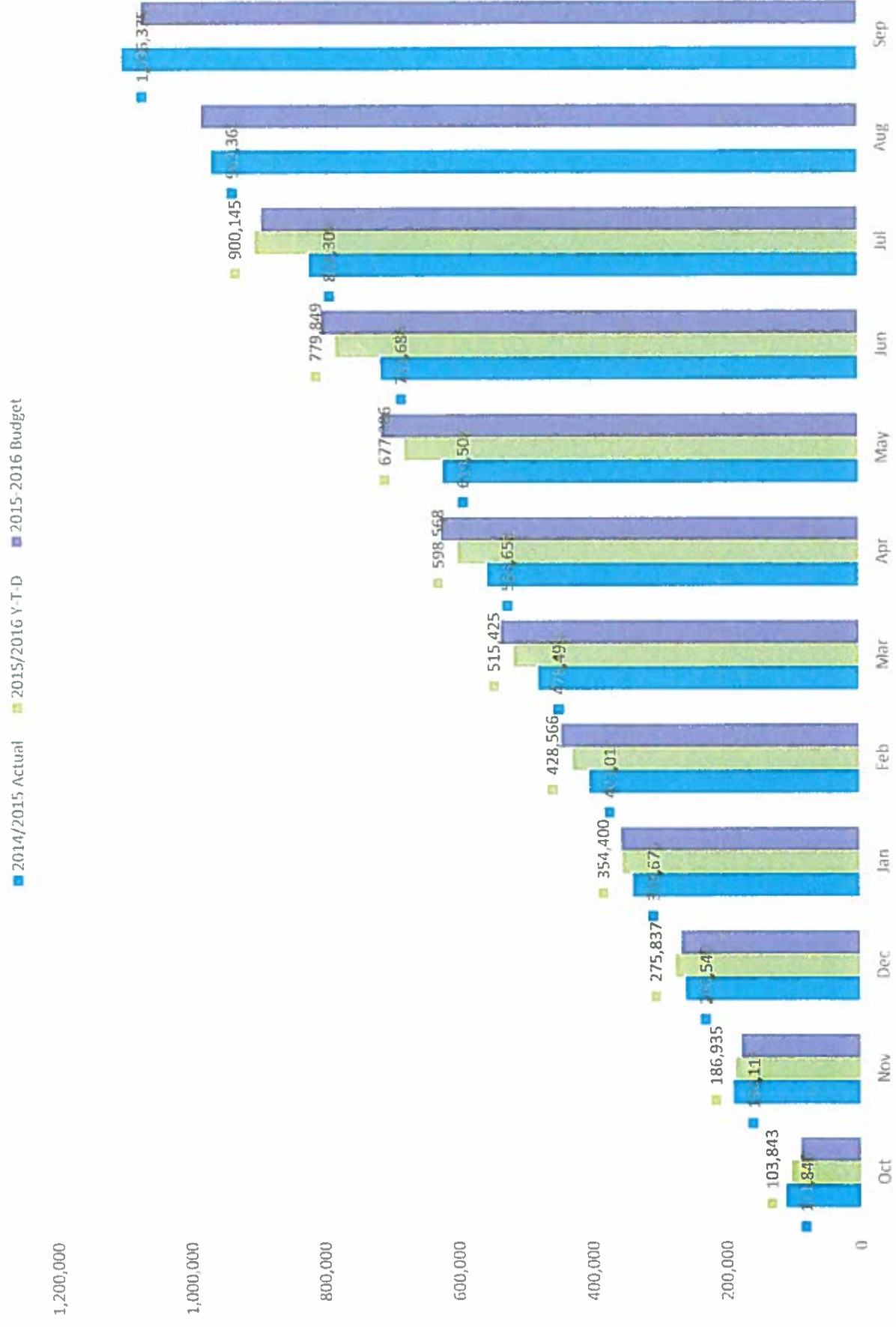
	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
100.00.5791.000 4B SUPPORT REVENUE	20,000	( 993.78)	28,640.22	0.00	( 8,640.22)	143.20
100.00.5792.000 ADM.SUPPORT CHARGES	20,710	1,725.83	17,258.30	0.00	3,451.70	83.33
100.00.5793.000 RENT RECEIVED	3,600	300.00	3,000.00	0.00	600.00	83.33
100.00.5794.000 CIVIC RENT	5,500	250.00	5,552.50	0.00	( 52.50)	100.95
100.00.5795.000 4B SALARY	61,951	0.00	61,591.00	0.00	360.00	99.42
100.00.5796.000 KCS RAILWAY MOWING	0	0.00	0.00	0.00	0.00	0.00
100.00.5797.000 MARKETING	24,000	0.00	23,000.00	0.00	1,000.00	95.83
100.00.5798.000 STEP PROGRAM	0	0.00	0.00	0.00	0.00	0.00
100.00.5799.000 CAPITAL LEASE REFUNDING	0	0.00	0.00	0.00	0.00	0.00
100.00.5939.000 FORESTRY SVC GRANT	0	0.00	0.00	0.00	0.00	0.00
100.00.5991.000 TRANSFERS IN-OTHER FUNDS	1,516,727	115,746.66	1,285,233.60	0.00	231,493.40	84.74
100.00.5992.000 SALE OF FIXED ASSETS	0	0.00	0.00	0.00	0.00	0.00
100.00.5994.000 LEASE PURCHASE PROCEEDS	0	0.00	0.00	0.00	0.00	0.00
100.00.5995.000 TRANSFERS-RESERVE	201,586	0.00	0.00	0.00	201,586.00	0.00
100.00.5998.000 TRANS.IN- GEN.FND.SURPLU	0	0.00	0.00	0.00	0.00	0.00
100.00.5999.000 TRANS.IN-PARK IMP.SURPLU	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-REVENUE	3,388,161	190,062.84	2,842,335.52	0.00	545,825.48	83.89

## TOTAL REVENUE

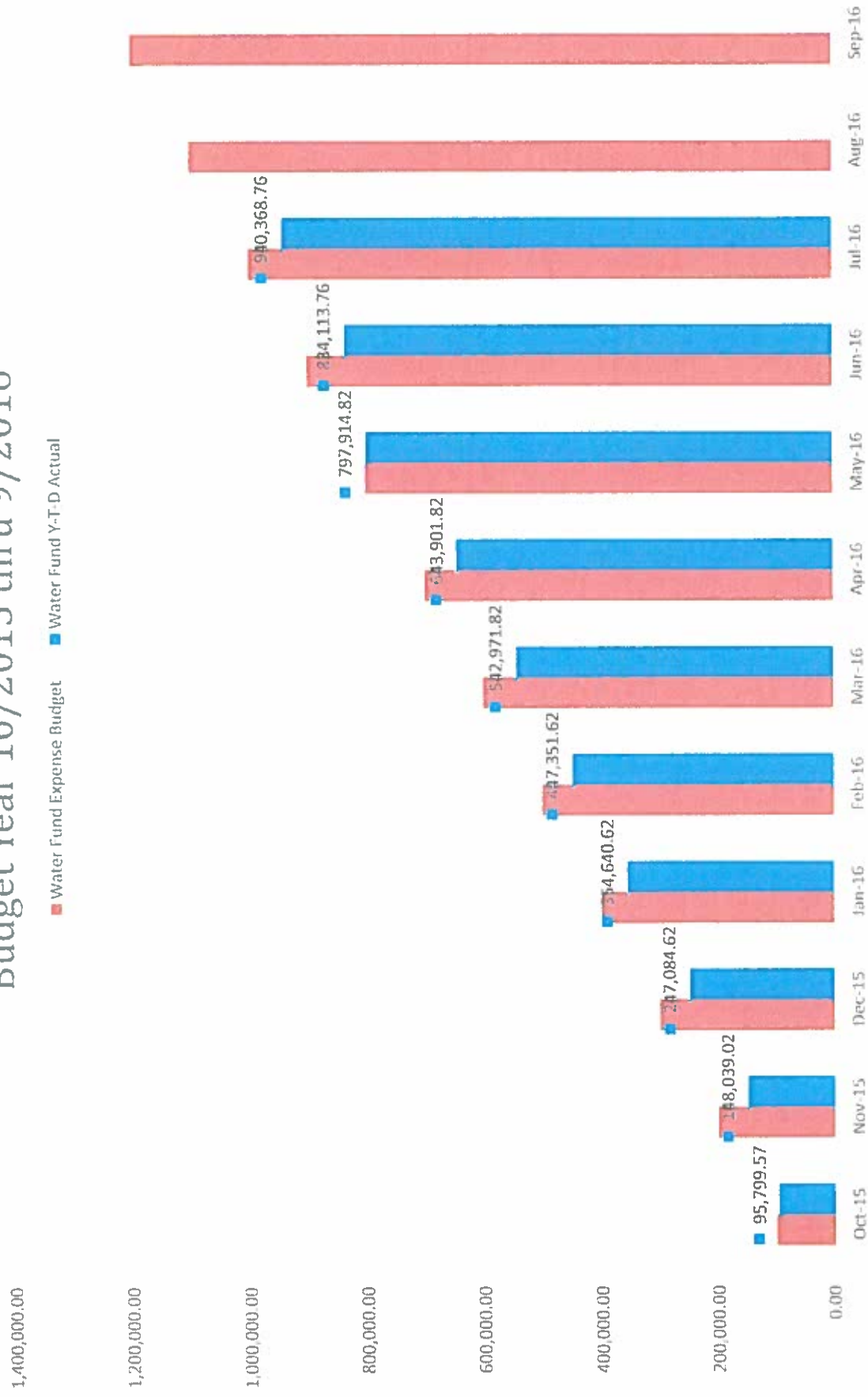
3,388,161	190,062.84	2,842,335.52	0.00	545,825.48	83.89
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# Water Revenue Comparison Chart



# Water Fund Expense Budget Year 10/2015 thru 9/2016



CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

700-WATER FUND  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 83.33

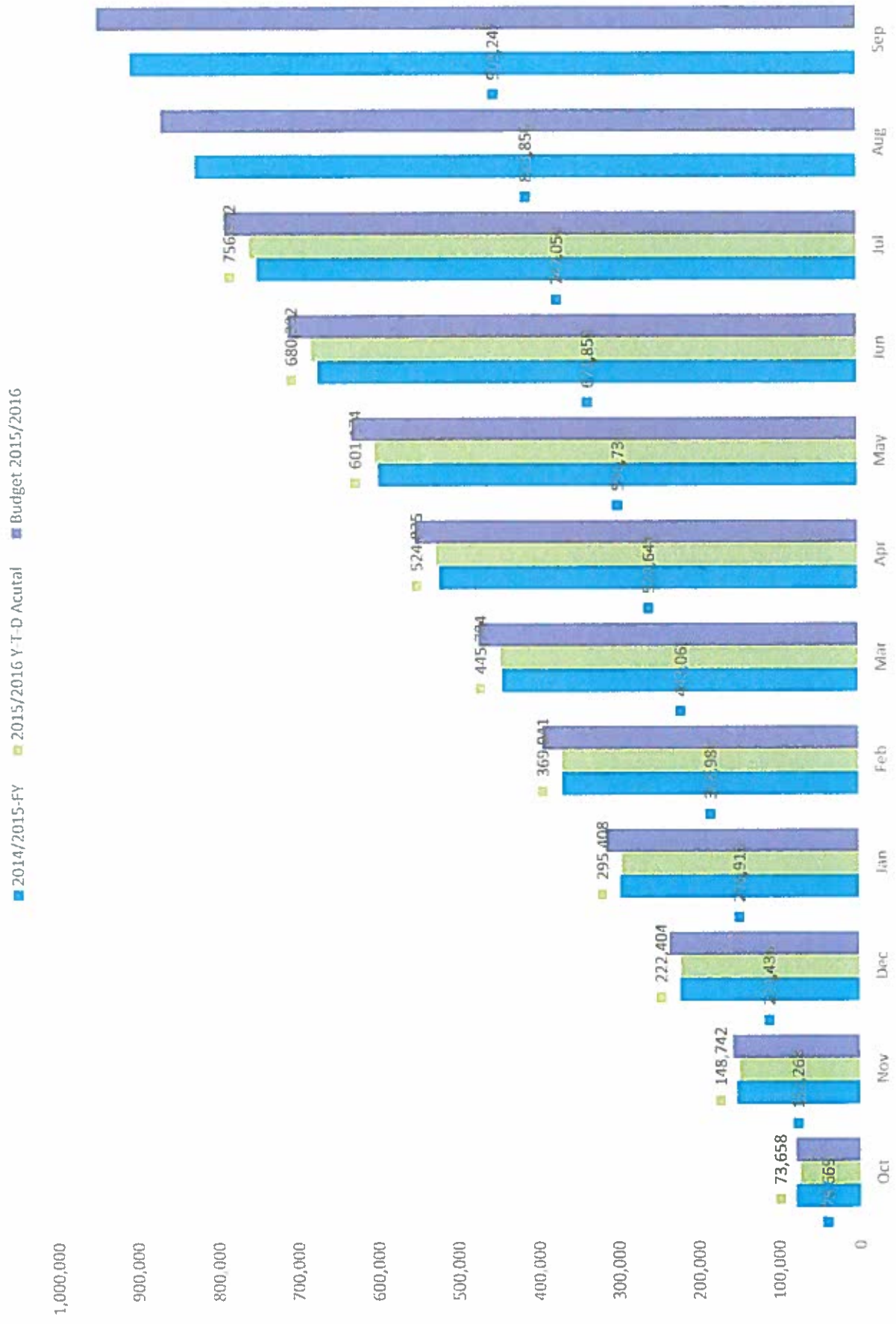
	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<u>REVENUE SUMMARY</u>						
00-REVENUE	1,067,403	120,296.71	900,149.83	0.00	167,253.17	84.33
TOTAL REVENUES	1,067,403	120,296.71	900,149.83	0.00	167,253.17	84.33
<u>EXPENDITURE SUMMARY</u>						
00-TRANSFER OUT	0	0.00	0.00	0.00	0.00	0.00
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-TRANSFER OUT						
12-ADMINISTRATION	67,366	5,576.84	55,460.30	0.00	11,905.70	82.33
PERSONNEL SERVICES	700	0.00	32.14	0.00	667.86	4.59
CONTRACTS & PROF. SVCS	21,278	1,877.69	15,817.08	100.00	5,360.92	74.81
MAINTENANCE	5,640	498.71	4,562.92	0.00	1,077.08	80.90
UTILITIES	1,000	244.16	652.20	74.93	272.87	72.71
SUPPLIES	7,750	759.76	10,900.04	0.00	3,150.04	140.65
MISCELLANEOUS						
TOTAL 12-ADMINISTRATION	103,734	8,957.16	87,424.68	174.93	16,134.39	84.45
52-STORM WATER SYSTEM						
PERSONNEL SERVICES	0	0.00	153.85	0.00	153.85	0.00
CONTRACTS & PROF. SVCS	0	0.00	0.00	0.00	0.00	0.00
MISCELLANEOUS	0	0.00	0.00	0.00	0.00	0.00
UTILITIES	0	0.00	0.00	0.00	0.00	0.00
SUPPLIES	0	0.00	0.00	0.00	0.00	0.00
MISCELLANEOUS	0	0.00	0.00	0.00	0.00	0.00
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 52-STORM WATER SYSTEM	0	0.00	153.85	0.00	153.85	0.00
35-WATER DEPT.						
PERSONNEL SERVICES	91,536	12,235.96	156,386.68	0.00	64,850.68	170.85
CONTRACTS & PROF. SVCS	64,655	2,945.41	31,722.95	0.00	32,932.05	49.06
MISCELLANEOUS	122,000	14,336.53	40,381.32	0.00	81,618.68	33.10
MAINTENANCE	5,000	883.74	5,826.26	0.00	826.26	116.53
UTILITIES	26,550	2,725.33	22,203.94	0.00	4,346.06	83.63
SUPPLIES	653,519	53,904.00	487,137.59	0.00	166,381.41	74.54
MISCELLANEOUS	9,000	111.00	7,571.12	0.00	1,428.88	84.12
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TRANSFERS	121,874	10,156.16	101,561.60	0.00	20,312.40	83.33
TOTAL 35-WATER DEPT.	1,094,134	97,298.13	852,791.46	0.00	241,342.54	77.94
TOTAL EXPENDITURES	1,197,868	106,255.29	940,369.99	174.93	257,323.08	78.52
REVENUE OVER/(UNDER) EXPENDITURES	( 130,465)	14,041.42	( 40,220.16)	( 174.93)	( 90,069.91)	30.96

## 700-WATER FUND

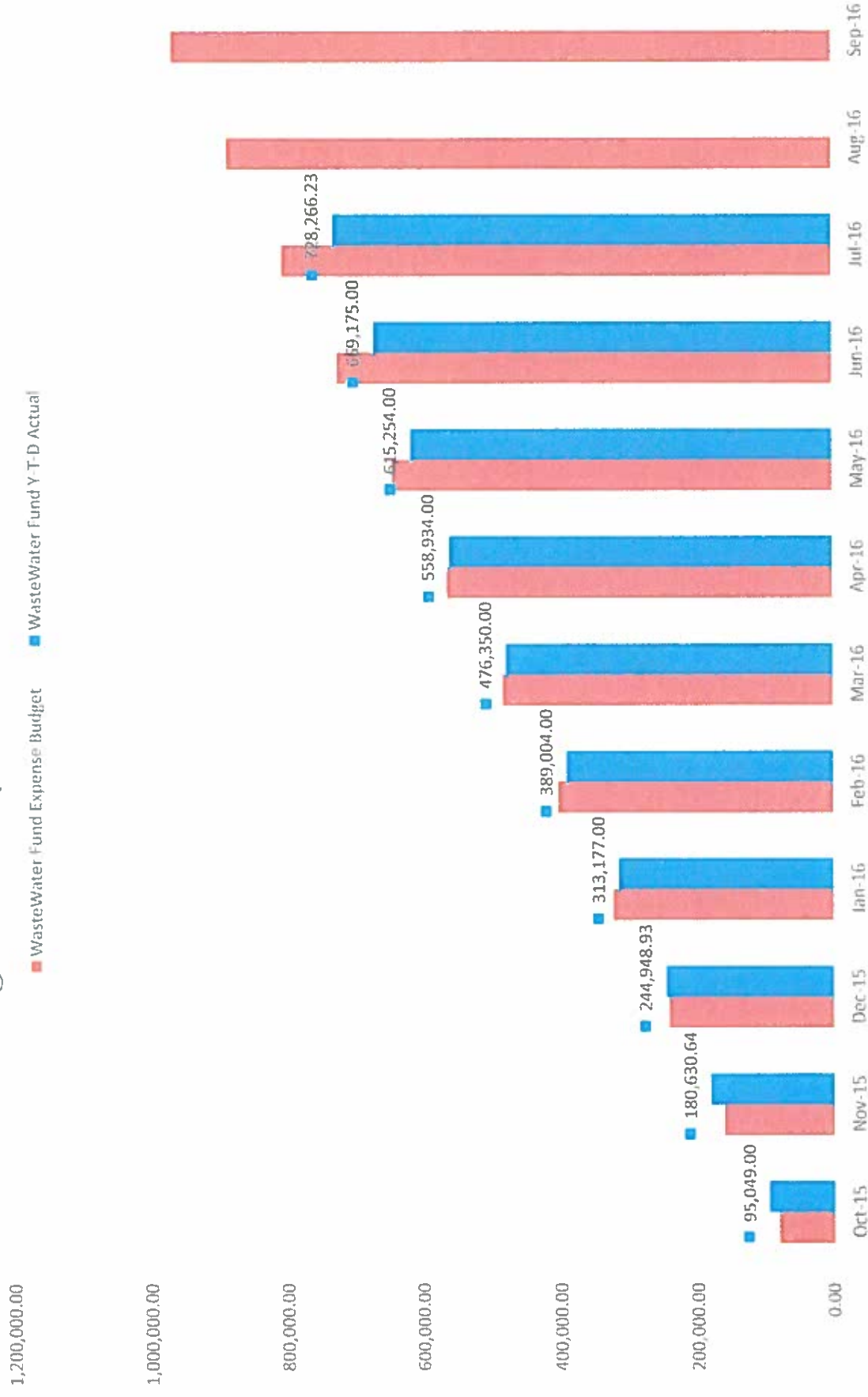
% OF YEAR COMPLETED: 83.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
00-REVENUE	0	0.00	0.00	0.00	0.00	0.00
700.00.5714.000 CC CONV. FEE	3,500	707.50	1,975.00	0.00	1,525.00	56.43
700.00.5743.000 CONNECT FEE	13,000	1,464.34	11,355.22	0.00	1,644.78	87.35
700.00.5744.000 PENALTIES	114,000	7,057.74	107,775.76	0.00	6,224.24	94.54
700.00.5745.000 AGREEMENTS AND CONTRACTS	4,055	0.00	0.00	0.00	4,055.00	0.00
700.00.5746.000 IMPACT FEE	930,898	110,838.36	777,270.76	0.00	153,627.24	83.50
700.00.5751.000 CITY WATER SALES	1,200	0.00	0.00	0.00	1,200.00	0.00
700.00.5753.000 WATER TAP FEES	750	228.77	1,718.09	0.00	968.09	229.08
700.00.5762.000 INTEREST EARNED	0	0.00	55.00	0.00	55.00	0.00
700.00.5767.000 OTHER REVENUE	0	0.00	0.00	0.00	0.00	0.00
700.00.5769.000 OTHER REVENUE	0	0.00	0.00	0.00	0.00	0.00
700.00.5993.000 TRANSFER IN	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-REVENUE	1,067,403	120,296.71	900,149.83	0.00	167,253.17	84.33
TOTAL REVENUE	1,067,403	120,296.71	900,149.83	0.00	167,253.17	84.33

# City Sewer Sales Comparison Chart



# Wastewater Fund Expense Budget Year 10/2015 thru 9/2016



CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

705-WASTEWATER  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 83.33

% YTD  
BUDGET

CURRENT BUDGET  
CURRENT PERIOD  
YEAR TO DATE  
ACTUAL

TOTAL  
ENCUMBERED

BUDGET  
BALANCE

REVENUE SUMMARY

00-REVENUE

TOTAL REVENUES

EXPENDITURE SUMMARY

12-ADMINISTRATION

PERSONNEL SERVICES

TOTAL 12-ADMINISTRATION

36-WASTEWATER SYSTEM

PERSONNEL SERVICES

CONTRACTS & PROF. SVCS

MISCELLANEOUS

MAINTENANCE

UTILITIES

SUPPLIES

MISCELLANEOUS

DEBT SERVICE

CAPITAL EXPENDITURES

TRANSFERS

TOTAL 36-WASTEWATER SYSTEM

TOTAL EXPENDITURES

REVENUE OVER/(UNDER) EXPENDITURES

963,150	78,488.80	773,675.89	0.00	189,474.11	80.33
963,150	78,488.80	773,675.89	0.00	189,474.11	80.33
42,346	1,455.86	14,093.35	0.00	28,252.65	33.28
42,346	1,455.86	14,093.35	0.00	28,252.65	33.28
198,169	4,795.98	82,226.12	0.00	115,942.88	41.49
17,140	3,054.01	22,369.46	0.00	5,229.46	130.51
17,500	95.69	45,891.84	0.00	28,391.84	262.24
358,780	27,475.50	355,510.37	0.00	3,269.63	99.09
10,750	837.19	9,499.49	0.00	1,250.51	88.37
6,000	312.00	5,026.14	0.00	973.86	83.77
9,685	0.00	32.17	0.00	9,717.17	0.33
0	0.00	0.00	0.00	0.00	0.00
50,000	0.00	4,100.00	485.00	45,415.00	9.17
252,780	21,065.00	189,585.00	0.00	63,195.00	75.00
920,804	57,635.37	714,176.25	485.00	206,142.75	77.61
963,150	59,091.23	728,269.60	485.00	234,395.40	75.66
0	19,397.57	45,406.29	485.00	44,921.29	0.00

CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

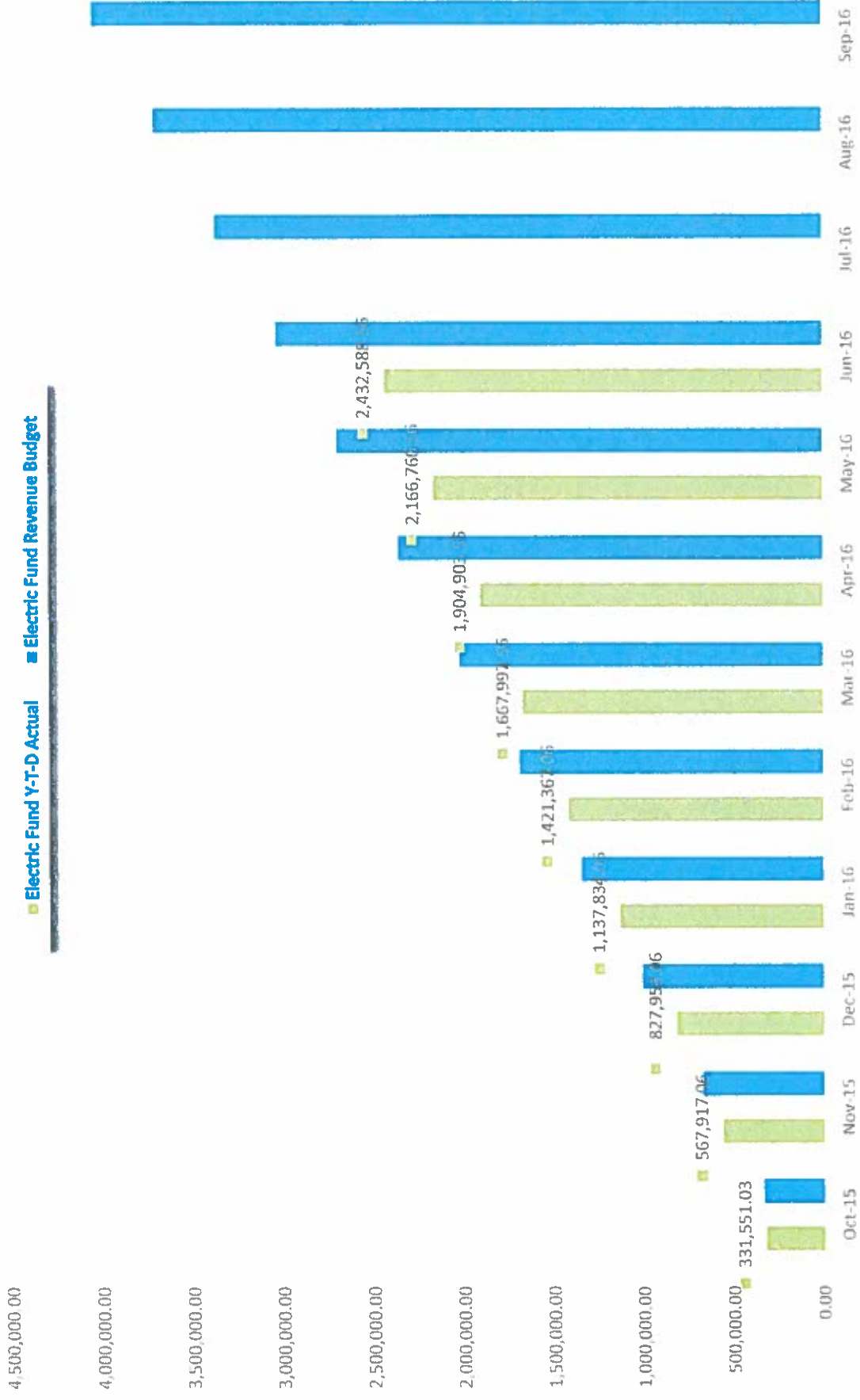
## 705-WASTEWATER

% OF YEAR COMPLETED: 83.33

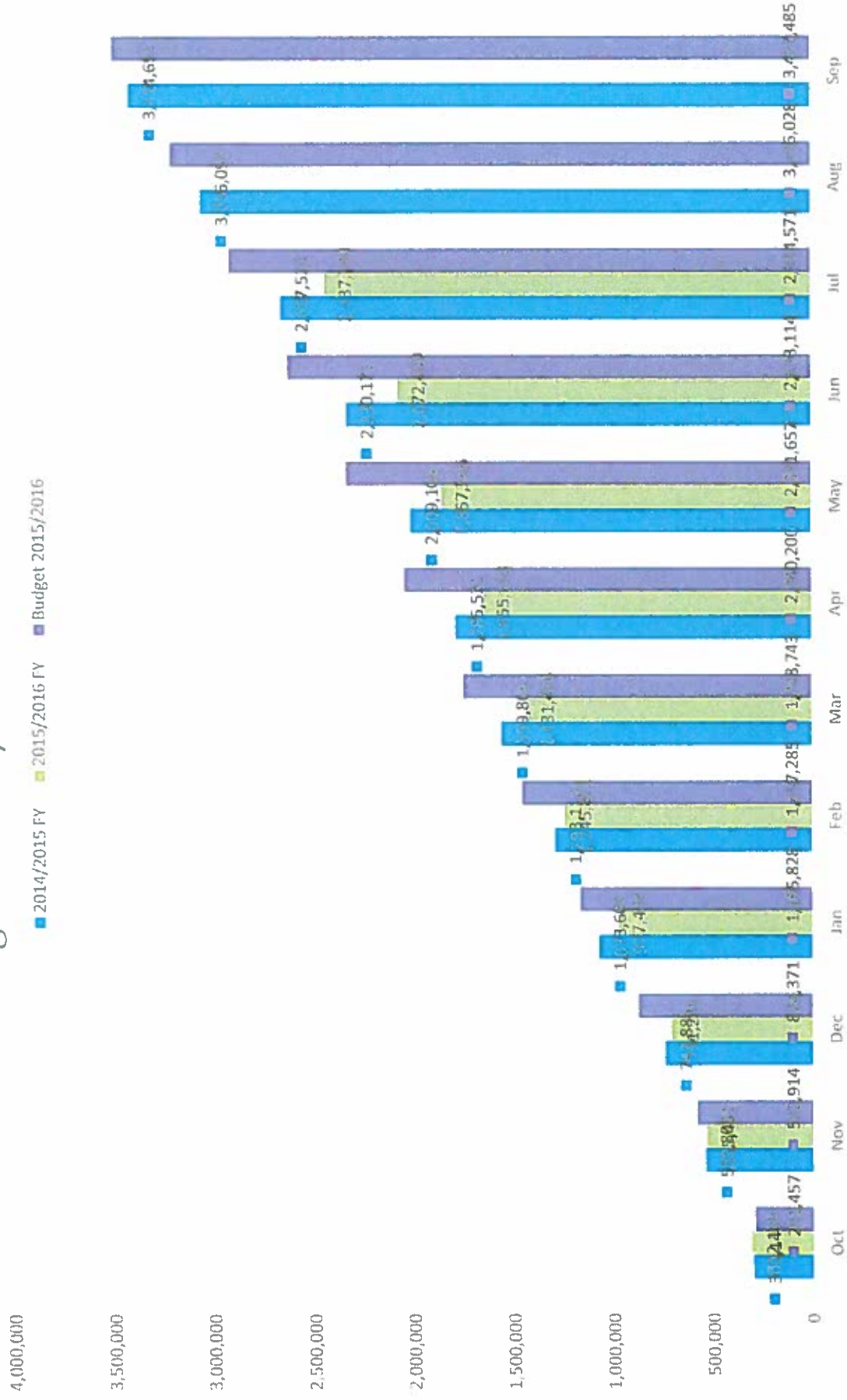
REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
00-REVENUE						
705.00.5741.000 SEWER SALES	944,970	76,740.27	756,975.57	0.00	187,994.43	80.11
705.00.5743.000 FEES	0	0.00	0.00	0.00	0.00	0.00
705.00.5744.000 PENALTIES	16,880	1,512.11	13,951.39	0.00	2,928.61	82.65
705.00.5745.000 AGREEMENTS AND CONTRACTS	0	0.00	0.00	0.00	0.00	0.00
705.00.5746.000 IMPACT FEE	0	0.00	0.00	0.00	0.00	0.00
705.00.5753.000 SEWER TAP FEE	1,300	0.00	1,050.00	0.00	250.00	80.77
705.00.5762.000 INTEREST EARNED	0	236.42	1,698.93	0.00	1,698.93	0.00
705.00.5767.000 OTHER REVENUE	0	0.00	0.00	0.00	0.00	0.00
705.00.5768.000 SEWER BACKUP SERVICES	0	0.00	0.00	0.00	0.00	0.00
705.00.5995.000 TRANSFER IN RESERVES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-REVENUE	963,150	78,488.80	773,675.89	0.00	189,474.11	80.33
TOTAL REVENUE	963,150	78,488.80	773,675.89	0.00	189,474.11	80.33



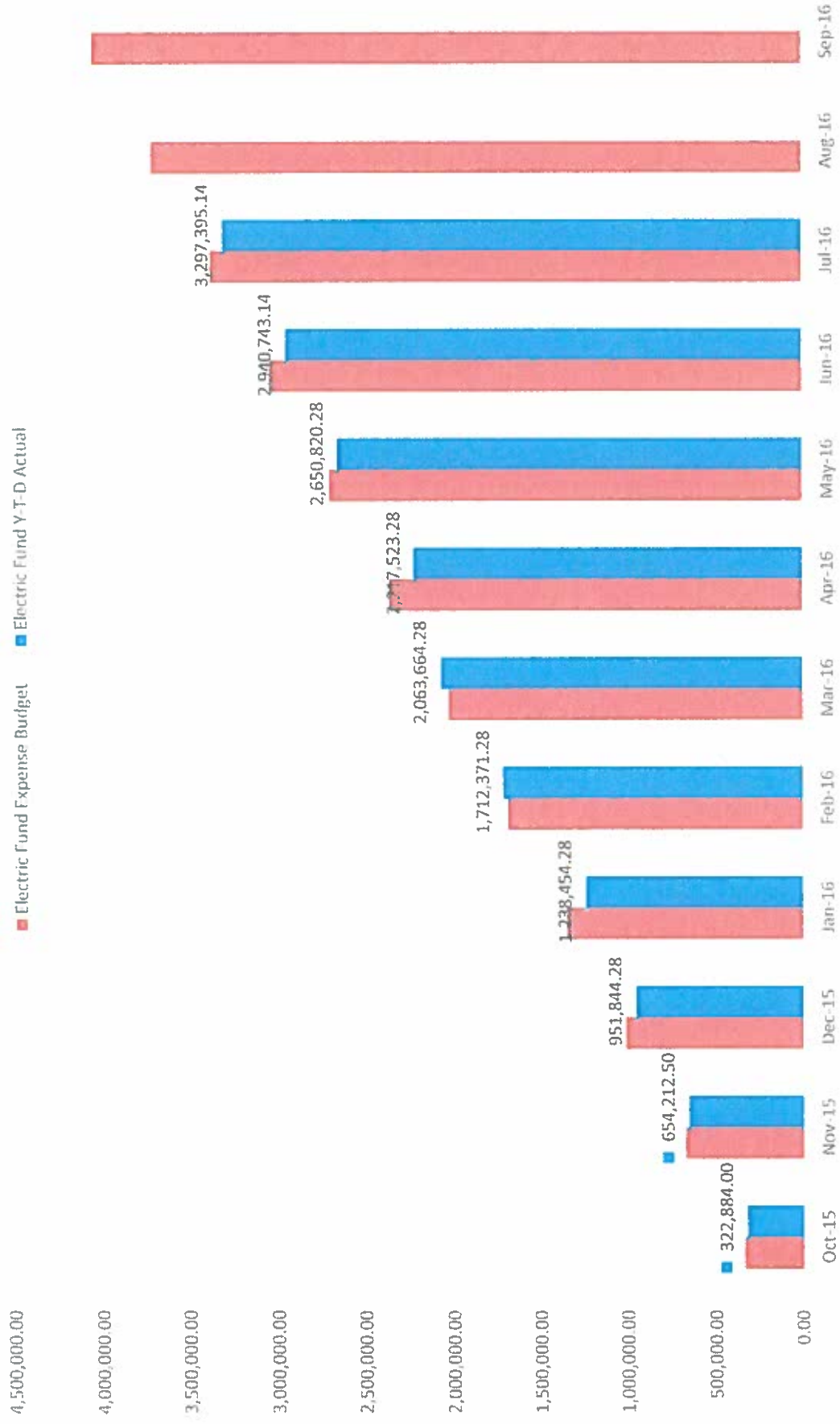
# Electric Fund Revenue Progress Budget Year 10/2015 thru 9/2016



# City Electric Sales Comparison Budget Year 10/2015 thru 09-2016



# Electric Fund Expense Budget Year 10/2015 thru 9/2016



CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

715-ELECTRIC FUND  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 83.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<b>REVENUE SUMMARY</b>						
00-REVENUE	4,041,735	428,207.49	2,860,808.66	0.00	1,180,926.34	70.78
TOTAL REVENUES	4,041,735	428,207.49	2,860,808.66	0.00	1,180,926.34	70.78
<b>EXPENDITURE SUMMARY</b>						
12-ADMINISTRATION						
PERSONNEL SERVICES	52,255	4,293.32	42,802.86	0.00	9,452.14	81.91
TOTAL 12-ADMINISTRATION	52,255	4,293.32	42,802.86	0.00	9,452.14	81.91
37-ELECTRIC DEPT.						
PERSONNEL SERVICES	454,256	34,990.90	368,480.76	0.00	85,775.24	81.12
CONTRACTS & PROF. SVCS	66,657	5,599.44	62,090.95	0.00	4,566.05	93.15
MISCELLANEOUS	125,000	21,269.45	100,256.41	2,762.60	21,980.99	82.42
MAINTENANCE	20,300	1,039.67	18,024.70	100.00	2,175.30	89.28
UTILITIES	10,510	1,049.30	8,873.47	0.00	1,636.53	84.43
SUPPLIES	2,031,632	201,791.98	1,562,839.93	0.00	468,792.07	76.93
MISCELLANEOUS	17,750	1,455.25	9,446.56	0.00	8,303.44	53.22
DEBT SERVICE	131,170	2,816.00	131,619.50	0.00	449.50	100.34
CAPITAL EXPENDITURES	193,599	4,080.00	210,292.11	62,282.22	78,975.33	140.79
TRANSFERS	939,206	78,267.16	782,671.60	0.00	156,534.40	83.33
TOTAL 37-ELECTRIC DEPT.	3,990,080	352,359.15	3,254,595.99	65,144.82	670,339.19	83.20

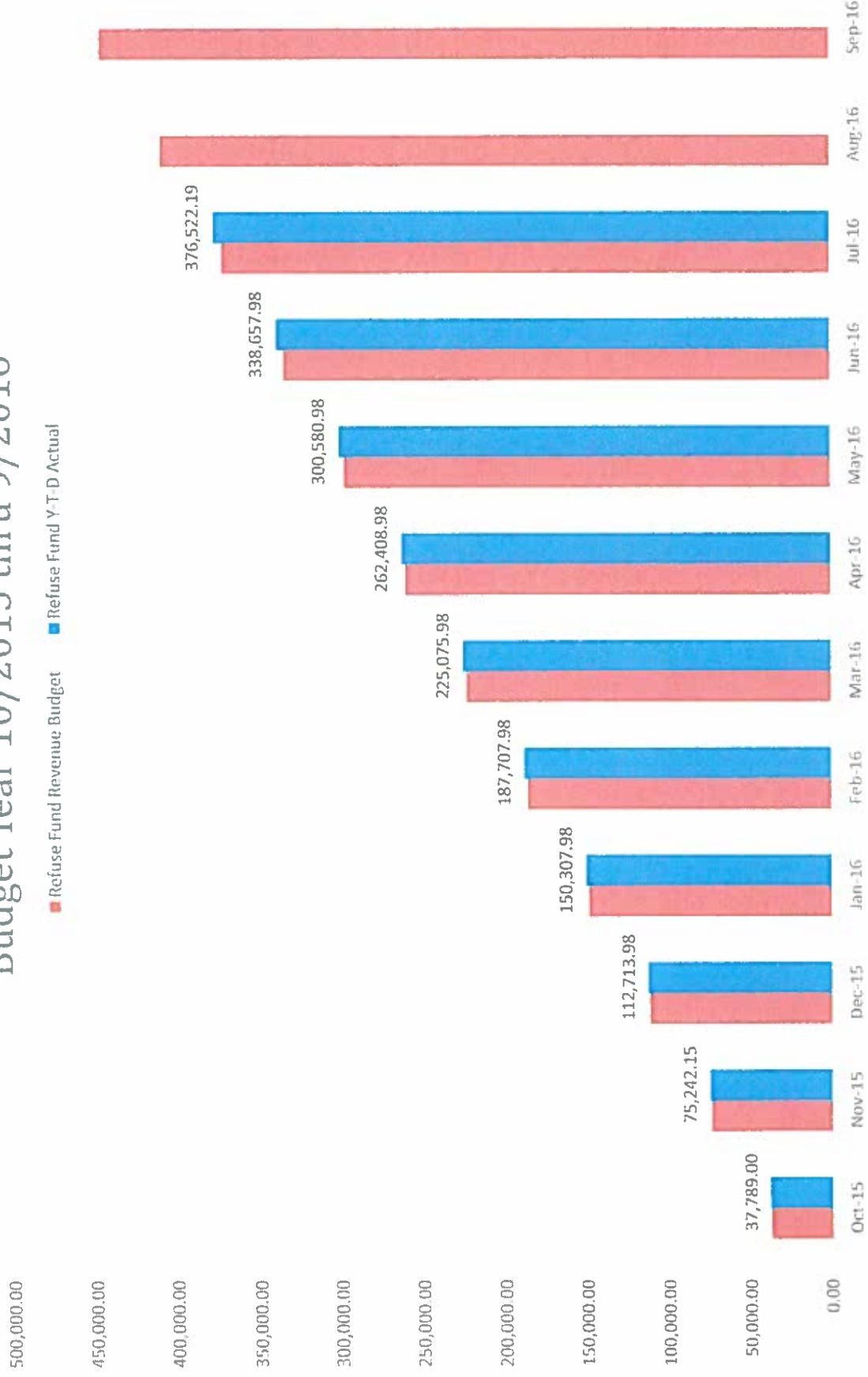
TOTAL EXPENDITURES	4,042,335	356,652.47	3,297,398.85	65,144.82	679,791.33	83.18
REVENUE OVER/(UNDER) EXPENDITURES	( 600)	71,555.02	( 436,590.19)	65,144.82	501,135.01	3,622.50

## 715-ELECTRIC FUND

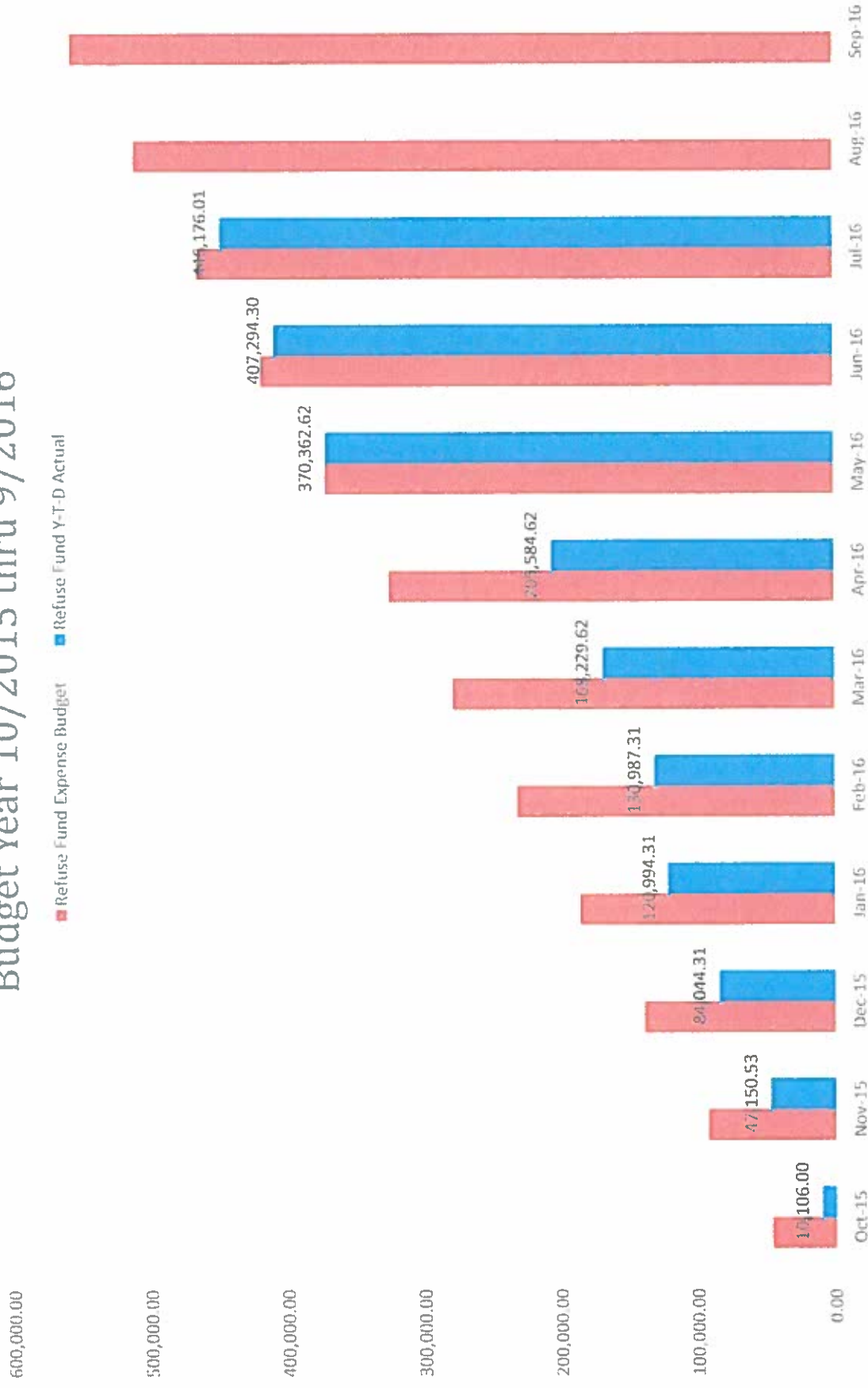
% OF YEAR COMPLETED: 83.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
00-REVENUE						
715.00.5743.000 FEES	6,500	785.00	8,340.00	0.00	(1,840.00)	128.31
715.00.5744.000 PENALTIES	46,500	4,963.12	39,427.34	0.00	7,072.66	84.79
715.00.5745.000 AGREEMENTS AND CONTRACTS	0	0.00	20.67	0.00	(20.67)	0.00
715.00.5751.000 ELECTRICITY SALES	3,497,485	365,335.15	2,437,748.04	0.00	1,059,736.96	69.70
715.00.5755.000 SURCHARGE	150,000	16,694.85	108,790.96	0.00	41,209.04	72.53
715.00.5757.000 PCA (POWER COST ADJ)	341,000	40,275.16	265,373.68	0.00	75,626.32	77.82
715.00.5762.000 INTEREST	250	154.21	1,107.97	0.00	857.97	443.19
715.00.5767.000 OTHER REVENUE	0	0.00	0.00	0.00	0.00	0.00
715.00.5799.000 4A SUPPORT	0	0.00	0.00	0.00	0.00	0.00
715.00.5995.000 TRANSFER IN ELEC NOTE	0	0.00	0.00	0.00	0.00	0.00
715.00.5998.000 TRANSFER IN RESERVES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-REVENUE	4,041,735	428,207.49	2,860,808.66	0.00	1,180,926.34	70.78
TOTAL REVENUE	4,041,735	428,207.49	2,860,808.66	0.00	1,180,926.34	70.78

# Refuse Fund Revenue Progress Budget Year 10/2015 thru 9/2016



# Refuse Fund Expense Budget Year 10/2015 thru 9/2016



CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

720-REFUSE FUND  
FINANCIAL SUMMARY

% OF YEAR COMPLETED: 83.33

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
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REVENUE SUMMARY

00-REVENUE	445,727	37,864.21	376,527.83	0.00	69,199.17	84.47
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TOTAL REVENUES

EXPENDITURE SUMMARY

32-REFUSE DEPT.	0	0.00	0.00	0.00	0.00	0.00
PERSONNEL SERVICES	345,655	32,423.38	253,867.23	0.00	91,787.77	73.45
CONTRACTS & PROF. SVCS	202,867	6,258.33	190,350.30	0.00	12,516.70	93.83
MISCELLANEOUS	0	0.00	0.00	0.00	0.00	0.00
MAINTENANCE	2,400	200.00	2,000.00	0.00	400.00	83.33
UTILITIES	5,000	0.00	40.44	0.00	5,040.44	0.81
MISCELLANEOUS	0	0.00	0.00	0.00	0.00	0.00
CAPITAL EXPENDITURES	0	0.00	0.00	0.00	0.00	0.00
TRANSFERS	0	0.00	0.00	0.00	0.00	0.00
TOTAL 32-REFUSE DEPT.	555,922	38,881.71	446,177.09	0.00	109,744.91	80.26

35-WATER DEPT.

SUPPLIES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 35-WATER DEPT.	0	0.00	0.00	0.00	0.00	0.00

TOTAL EXPENDITURES

REVENUE OVER/(UNDER) EXPENDITURES	( 110,195 )	1,017.50	69,649.26	0.00	40,545.74	63.21
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CITY OF FARMERSVILLE  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: JULY 31ST, 2016

720-REFUSE FUND

% OF YEAR COMPLETED: 83.33

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
00-REVENUE	0	0.00	0.00	0.00	0.00	0.00
720.00.5743.000 FEES	7,500	556.24	5,205.57	0.00	2,294.43	69.41
720.00.5744.000 PENALTIES	0	0.00	0.00	0.00	0.00	0.00
720.00.5745.000 AGREEMENTS AND CONTRACTS	255,192	21,275.22	214,064.97	0.00	41,127.03	83.88
720.00.5751.000 RESIDENTIAL TRASH COLL.	182,670	15,875.25	156,458.28	0.00	26,211.72	85.65
720.00.5752.000 COMMERCIAL TRASH COLLECT	140	17.50	177.10	0.00	37.10	126.50
720.00.5755.000 RECYCLE	125	0.00	186.91	0.00	61.91	149.53
720.00.5762.000 INTEREST EARNED	0	0.00	0.00	0.00	0.00	0.00
720.00.5767.000 OTHER REVENUE	100	140.00	435.00	0.00	335.00	435.00
720.00.5768.000 BRUSH AND CHIPPING AND P	0	0.00	0.00	0.00	0.00	0.00
720.00.5770.000 HHW	0	0.00	0.00	0.00	0.00	0.00
720.00.5995.000 TRANSFER IN RES	0	0.00	0.00	0.00	0.00	0.00
TOTAL 00-REVENUE	445,727	37,864.21	376,527.83	0.00	69,199.17	84.47
TOTAL REVENUE	445,727	37,864.21	376,527.83	0.00	69,199.17	84.47

## IV. Informational Items

Agenda Section	Informational Items
Section Number	IV.A
Subject	City Manager's Verbal Report
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	NA
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

## V. Public Hearing

Agenda Section	Public Hearing
Section Number	V.A
Subject	Public Hearing to consider, discuss and approve proposed projects for the Farmersville Economic Development Corporation's Fiscal Year Budget 2016-2017
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	4A Proposed Projects
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

## Farmersville Economic Development Corp 4A

REVENUE	2015-2016 Revised Budget	2016-2017 Proposed Budget
Sales Tax	\$200,000.00	\$220,000.00
Interest Earned	\$1,100.00	\$1,100.00
<b>Total Revenue:</b>	<b>\$201,100.00</b>	<b>\$221,100.00</b>
<b>Expenses</b>		
Administration	\$1,000.00	\$1,000.00
Meeting Expenses	\$1,000.00	\$1,000.00
Dues/School/Travel	\$500.00	\$500.00
Office Supplies	\$200.00	\$200.00
Marketing/Promotion Expenses/Adv	\$10,000.00	
Chamber Sponsorship	\$1,000.00	\$1,000.00
Rotary Sponsorship	\$500.00	\$500.00
Collin College Sponsorship	\$7,500.00	\$7,500.00
Legal	\$2,500.00	\$2,500.00
Small Business Conference	\$500.00	\$500.00
<b>Total Expenses:</b>	<b>\$24,700.00</b>	<b>\$14,700.00</b>
<b>Development</b>		
Collin College Project (sewer/street)	\$-	\$150,000.00
Zoning Ordinance Re-write	\$85,000.00	\$85,000.00
Fiber Optic Cable Study	\$20,000.00	\$-
Fiber Optic	\$33,000.00	\$33,000.00
Waste Water	\$195,000.00	\$-
Facade Grant Program	\$50,000.00	\$50,000.00
Towne Centre Planning	\$30,000.00	\$-
<b>Total Development Cost:</b>	<b>\$413,000.00</b>	<b>\$318,000.00</b>
<b>Total Expenditures</b>	<b>\$437,700.00</b>	<b>\$332,700.00</b>
<b>Revenue vs. Expenditures</b>	<b>\$236,600.00</b>	<b>\$111,600.00</b>
<b>From Reserves</b>	<b>\$236,600.00</b>	<b>\$111,600.00</b>
<b>Balance Budget</b>		

## **2016-2017 Goals and Specified Projects Economic Development Corporation**

### **Goals:**

1. Create a business atmosphere in Farmersville that supports:
  - a. Retention and expansion of existing businesses,
  - b. Attracting new or relocating businesses that will increase the quality and quantity of primary jobs
  - c. Working with regional coalitions to address infrastructure, transportation, education and quality of life issues,
  - d. Recruiting at least one new employer per year.
2. Improve communication with the community and communicate accomplishments of the Economic Development Corporation
3. Partner with Collin College for a functional college by 2020.
4. Promote and support a planning study for the Farmersville Towne Centre.

### **Projects: Specific funding activities to achieve stated goals:**

1. Regional wastewater infrastructure design.
2. Funding Collin College and/or City of Farmersville requests as they pertain to the college's eastern county campus.
3. Develop plans and/or invest in infrastructure for future economic development projects.
4. Support planning study of the Farmersville Towne Centre.

Agenda Section	Public Hearing
Section Number	V.B
Subject	Public Hearing to consider, discuss and approve proposed projects for the Farmersville Community Development Corporation's Fiscal Year Budget 2016-2017
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	4B Proposed Projects
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>



## **Farmersville Community Development Corporation**

### **Goals for FY 2016-17 DRAFT**

#### **Projects: Specific funding activities to achieve stated goals**

- **Support the Farmersville Main Street Program**
- **Support administrative & training costs for 4B Board**
- **Support Chamber of Commerce Banquet & event sponsorship**
- **Support Christmas activities and decor**
- **Support improvements to city parks program with land purchase**
- **Support 4th of July Fireworks Program**
- **Support restoration of Bain Honaker House Museum**
- **Support planning and development of Farmersville Heritage Museum**
- **Support Trick it Up Bike Ride**
- **Support improvements to city parks program with grant match**

#### **Goals**

- **Support the economic development and restoration of downtown, with continued financial support of the Main Street Program.**
- **Encourage and support collaborative efforts and long range planning with the community, City Council, Farmersville Economic Development Corporation, Main Street Program, Chamber of Commerce, Collin College, Parks Board, and Fisd.**
- **Support heritage tourism, including support for the restoration of Bain Honaker House Museum and support for planning & development of Farmersville Heritage Museum.**
- **Support Collin College scholarship program and local campus development.**
- **Support Farmersville Chamber through sponsorship of annual banquet and bike ride**
- **Assist in development of community recreational and cultural events, resources, museums, and facilities, as well as continued support and improvement of parks and recreation program and structures, and streetscape improvements.**

**Farmersville Community Development Corporation Proposed Budget Fiscal Year**

**2017**

<b>REVENUE</b>	
Anticipated Tax Revenue	229,300
Monies from reserves	24,400
<b>Total Revenue</b>	<b>\$253,700</b>

<b>EXPENSES</b>	
Farmersville Main Street	72,700
Miscellaneous	1,000
Reimburse city for accounting services	1,000
Chamber of Commerce-banquet & event sponsorship	7,000
May building taxes	1,000
Christmas Activities/decor	6,200
Land purchase	20,000
Fireworks	6,000
Bain Honaker House Restoration work	3,800
Farmersville Heritage Museum	10,000
Chamber -Trick it Up Bike Ride	5,000
Parks improvements grant match	120,000
<b>Total Expenditures</b>	<b>\$253,700</b>



**Farmersville**

## VI. Reading of Ordinance(s)

Agenda Section	Reading of Ordinance(s)
Section Number	VI.A
Subject	First Reading to consider, discuss, and act upon Ordinance # O-2016-0906-001 amending Chapter 29 of the Farmersville Code of Ordinances through the Addition of a new Section 29-551 explaining the application of Section 29-55 to the International Fire Code, 2009 Edition
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	Ordinance # O-2016-0906-001
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

**CITY OF FARMERSVILLE  
ORDINANCE O-2016--0906-001**

**AN ORDINANCE OF THE CITY OF FARMERSVILLE, TEXAS, AMENDING THE CODE OF ORDINANCES OF THE CITY OF FARMERSVILLE, TEXAS, AS HERETOFORE AMENDED, THROUGH THE AMENDMENT OF CHAPTER 29, "FIRE PREVENTION AND CONTROL," BY THE ADDITION OF A NEW SECTION 29-551, ENTITLED "APPLICATION OF SECTION 29-55, 'AMENDING THE INTERNATIONAL FIRE CODE,' TO THE *INTERNATIONAL FIRE CODE*, 2009 EDITION; REPEALING ORDINANCES IN CONFLICT HERewith; PROVIDING FOR SEVERABILITY; PROVIDING FOR GOVERNMENTAL IMMUNITY; PROVIDING FOR INJUNCTIONS; PROVIDING FOR NOTICE AND IMPLEMENTATION; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City of Farmersville, Texas is a Type A General – Law Municipality located in Collin County having a population of less than 5,000 persons as determined by the most recent federal census, created in accordance with the provisions of Chapter 6 of the Local Government Code, and operating pursuant to the enabling legislation of the State of Texas;

**WHEREAS**, the City has previously adopted Ordinance No. 2005-40 on or about September 6, 2005 adopting the *International Fire Code*, 2003 Edition;

**WHEREAS**, the City thereafter adopted the *International Fire Code*, 2006 Edition, and most recently adopted the *International Fire Code*, 2009 Edition, by Ordinance No. O-2013-0326-001 on or about March 26, 2013;

**WHEREAS**, the City adopted an amendment identified as Section 903.2.10.4 to the *International Fire Code*, 2003 Edition, that is codified in Section 29-55 of the Farmersville Code requiring automatic sprinklers throughout all buildings with a building area over 6,000 square feet save and except for Group A-2 , R2 and R3 occupancies;

**WHEREAS**, the Texas Legislature amended Section 1301.551 of the Texas Occupations Code by adding a new subparagraph (I) to prohibit a city from enacting any ordinance, bylaw, order, building code, or rule after January 1, 2009, that requires the installation of any fire protection sprinkler system in a new or existing one- or two-family dwelling;

**WHEREAS**, the City's amendment to Section 903.2.10.4 of the *International Fire Code*, 2003 Edition, which is contained in Section 29.55 of the Farmersville Code, was not amended or repealed and replaced by the City's adoption of Ordinance No. O-2010-0413-006 adopting the *International Fire Code*, 2006 Edition, or Ordinance No. O-2013-0326-001 adopting the *International Fire Code*, 2009 Edition, in order to allow the City to enforce its requirement that buildings greater than 6,000 square feet be sprinklered;

**WHEREAS**, Section 903 of the *International Fire Code*, 2009 Edition, refers to a different topic than Section 903 of the *International Fire Code*, 2003 Edition;

**WHEREAS**, the difference between Section 903 of the *International Fire Code*, 2003 Edition, and Section 903 of the *International Fire Code*, 2009 Edition, creates some confusion as to the proper application of Section 29.55 of the Farmersville Code that the City Council desires to clarify; and

**WHEREAS**, the City Council of the City of Farmersville, Texas finds that it is in the best interest of the public health, safety and welfare to amend Chapter 29, "Fire Prevention and Control," regarding the proper application of Section 29.55 of the Farmersville Code to the *International Fire Code*, 2009 Edition.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FARMERSVILLE, TEXAS, THAT:**

**SECTION 1. INCORPORATION OF FINDINGS**

All of the above premises are hereby found to be true and correct legislative and factual determinations of the City of Farmersville and they are hereby approved and incorporated into the body of this Ordinance as if copied in their entirety.

**SECTION 2. AMENDMENT OF CHAPTER 29, "FIRE PREVENTION AND CONTROL," BY THE ADDITION OF A NEW SECTION 29-551, ENTITLED "PROPER APPLICATION OF SECTION 29-55, 'AMENDING THE INTERNATIONAL FIRE CODE,' TO THE INTERNATIONAL FIRE CODE, 2009 EDITION**

From and after the effective date of this Ordinance, Chapter 29, "Fire Prevention and Control," of the Farmersville Code is hereby amended by adding a new Section 29-551 entitled "Proper Application of Section 29-55, 'Amending the International Fire Code' to the *International Fire Code*, 2009 Edition," to read as follows:

**"Sec. 29-551. - Proper Application of Section 29-55, 'Amending the International Fire Code' to the *International Fire Code*, 2009 Edition**

(a) Section 903.2.10.4 that was added to the *International Fire Code* by Section 29-55 hereinabove was an amendment to Section 903 of the *International Fire Code*, 2003 Edition, and not an amendment to the *International Fire Code*, 2009 Edition. Section 903 of the *International Fire Code*, 2003 Edition, was titled "Automatic Sprinkler Systems" and required that automatic sprinkler systems should be installed as

required by, and in compliance with Section 903 of the *International Fire Code*, 2003 Edition. See *International Fire Code*, 2003 Edition, §§ 903.1 through 903.6.1.

Section 903.2.10 of the *International Fire Code*, 2003 Edition, to which Section 903.2.10.4, as found in Section 29-55 of this Code, was appended provided as follows:

**"903.2.10 All occupancies except Groups R-3 and U.** An automatic sprinkler system shall be installed in the locations set forth in Sections 903.2.10.1 through 903.2.10.1.3.

**Exception:** Group R-3 and Group U."

- (b) The additive amendment provided by Section 29-55 to Section 903.2.10 of the *International Fire Code*, 2003 Edition, as Section 903.2.10.4 requires that automatic sprinkler systems shall also be installed throughout all buildings with a building area over 6,000 square feet with specified exceptions for Group A-2 and Groups R2 and R3 occupancies, which occupancies are required to comply with section 903.2.1.2 of the *International Fire Code*, 2003 Edition, for A-2 occupancies and both the *International Building Code*, 2003 Edition, and the *International Residential Code*, 2003 Edition, for R2 and R3 occupancies. In this regard, Section 903.2.1.2 of the *International Fire Code*, 2003 Edition, provides as follows:

**903.2.1.2 Group A-2.** An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>);
2. The fire area has an occupant load of 300 or more; or
3. The fire area is located on a floor other than the level of exit discharge."

- (c) Section 903.2.10 of the *International Fire Code*, 2009 Edition, now addresses "Group S-2 enclosed parking garages." The provision of the *International Fire Code*, 2009 Edition, to which Section 29-55 of the Farmersville

Code should now be applied is Section 903.2.11. The provision added to the *International Fire Code*, 2003 Edition, as Section 903.2.10.4 shall hereafter be treated as new Section 903.2.11.1.4 to the *International Fire Code*, 2009 Edition.

- (d) Notwithstanding the foregoing, the City hereby desires to temporarily abate and suspend the enforcement and application of Section 29-55 of the Farmersville Code to the *International Fire Code*, 2009 Edition, in order to encourage and foster development within and about the City's corporate limits save and except only to the extent such Section 29-55 when applied to the *International Fire Code*, 2009 Edition, as explained herein is necessary to the enforcement of any other provision of the *International Fire Code*, 2009 Edition, or any provision of the *International Building Code*, 2009 Edition, as it may apply to automatic sprinkler systems in residential occupancies. The City specifically reserves the right to terminate this temporary abatement of Section 29-55 at such time in the future as the health, safety and welfare of the City requires."

### **SECTION 3. CUMULATIVE REPEALER**

This Ordinance shall be cumulative of all other Ordinances and shall not repeal any of the provisions of such Ordinances except for those instances where there are direct conflicts with the provisions of this Ordinance. Ordinances or parts thereof in force at the time this Ordinance shall take effect and that are inconsistent with this Ordinance are hereby repealed to the extent that they are inconsistent with this Ordinance. Provided however, that any complaint, action, claim or lawsuit which has been initiated shall continue to be governed by the provisions of such Ordinance and for that purpose the Ordinance shall remain in full force and effect.

### **SECTION 4. SAVINGS**

All rights and remedies of the City of Farmersville are expressly saved as to any and all violations of the provisions of any Ordinances which have accrued at the time of the effective date of this Ordinance; and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such Ordinances, same shall not be affected by this Ordinance but may be prosecuted until final disposition by the courts.



## **SECTION 5. SEVERABILITY**

It is hereby declared to be the intention of the City Council of the City of Farmersville that the phrases, clauses, sentences, paragraphs, and sections of this Ordinance are severable, and if any phrase, clause, sentence, paragraph, or section of this Ordinance should be declared unconstitutional by valid judgment or final decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, or sections of this Ordinance, since the same would have been enacted by the City Council without incorporation in this Ordinance of any such unconstitutional phrase, clause, sentence, paragraph, or section.

## **SECTION 6. GOVERNMENTAL IMMUNITY**

All of the regulations provided in this ordinance are hereby declared to be governmental and for the health, safety and welfare of the general public. Any member of the City Council or any City official or employee charged with the enforcement of this ordinance, acting for the City of Farmersville in the discharge of his/her duties, shall not thereby render himself/herself personally liable; and he/she is hereby relieved from all personal liability for any damage that might accrue to persons or property as a result of any act required or permitted in the discharge of his/her said duties.

## **SECTION 7. INJUNCTIONS**

Any violation of this ordinance can be enjoined by a suit filed in the name of the City of Farmersville in a court of competent jurisdiction, and this remedy shall be in addition to any penal provision in this ordinance or in the Code of the City of Farmersville.

## **SECTION 8. ENGROSSMENT AND ENROLLMENT**

The City Secretary of the City of Farmersville is hereby directed to engross and enroll this Ordinance by copying the exact Caption and the Effective Date clause in the minutes of the City Council of the City of Farmersville and by filing this Ordinance in the Ordinance records of the City.

## **SECTION 9. EFFECTIVE DATE**

This Ordinance shall take effect immediately from and after its passage and publication of the caption as required by law.

**PASSED** on first reading on the 23<sup>rd</sup> day of August, 2016, and the second reading on the \_\_\_\_ day of September, 2016, at properly scheduled meetings of the City Council of the City of Farmersville, Texas, there being a quorum present, and approved by the Mayor on the date set out below.

APPROVED THIS \_\_\_\_ DAY OF SEPTEMBER, 2016.

APPROVED:

\_\_\_\_\_  
Diane C. Piwko, Mayor

ATTEST:

\_\_\_\_\_  
Mary Tate, City Secretary

Sec. 29-55. - Amending the International Fire Code.

The International Fire Code is hereby amended by adding Section 903.2.10.4 as follows:

903.2.10.4 Buildings over 6,000 square feet. An automatic sprinkler system shall be installed throughout all buildings with a building area over 6,000 square feet. For the purpose of this provision, fire walls shall not define separate buildings. Exceptions: Group A-2 shall be in compliance with section 903.2.1.2 of the International Fire Code, Groups R2 and R3 shall be in compliance with the International Building Code and the Residential Code.

(Code 2004, § 4.139.3; Ord. No. 2005-40, 9-6-2005)

**ZONE.** A defined area within the protected premises. A zone can define an area from which a signal can be received, an area to which a signal can be sent, or an area in which a form of control can be executed.

## SECTION 903 AUTOMATIC SPRINKLER SYSTEMS

**903.1 General.** Automatic sprinkler systems shall comply with this section.

**903.1.1 Alternative protection.** Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in lieu of automatic sprinkler protection where recognized by the applicable standard and approved by the fire code official.

**903.2 Where required.** Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in this section.

**Exception:** Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic fire alarm system and are separated from the remainder of the building by fire barriers consisting of not less than 1-hour fire-resistance-rated walls and 2-hour fire-resistance-rated floor/ceiling assemblies.

**903.2.1 Group A.** An automatic sprinkler system shall be provided throughout buildings and portions thereof used as Group A occupancies as provided in this section. For Group A-1, A-2, A-3, and A-4 occupancies, the automatic sprinkler system shall be provided throughout the floor area where the Group A-1, A-2, A-3 or A-4 occupancy is located, and in all floors between the Group A occupancy and the level of exit discharge. For Group A-5 occupancies, the automatic sprinkler system shall be provided in the spaces indicated in Section 903.2.1.5.

**903.2.1.1 Group A-1.** An automatic sprinkler system shall be provided for Group A-1 occupancies where one of the following conditions exists:

1. The fire area exceeds 12,000 square feet (1115 m<sup>2</sup>);
2. The fire area has an occupant load of 300 or more;
3. The fire area is located on a floor other than the level of exit discharge; or
4. The fire area contains a multitheater complex.

**903.2.1.2 Group A-2.** An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet (465 m<sup>2</sup>);
2. The fire area has an occupant load of 100 or more; or
3. The fire area is located on a floor other than the level of exit discharge.

**903.2.1.3 Group A-3.** An automatic sprinkler system shall be provided for Group A-3 occupancies where one of the following conditions exists:

1. The fire area exceeds 12,000 square feet (1115 m<sup>2</sup>);
2. The fire area has an occupant load of 300 or more; or
3. The fire area is located on a floor other than the level of exit discharge.

**Exception:** Areas used exclusively as participant sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.

**903.2.1.4 Group A-4.** An automatic sprinkler system shall be provided for Group A-4 occupancies where one of the following conditions exists:

1. The fire area exceeds 12,000 square feet (1115 m<sup>2</sup>);
2. The fire area has an occupant load of 300 or more; or
3. The fire area is located on a floor other than the level of exit discharge.

**Exception:** Areas used exclusively as participant sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.

**903.2.1.5 Group A-5.** An automatic sprinkler system shall be provided for Group A-5 occupancies in the following areas: concession stands, retail areas, press boxes, and other accessory use areas in excess of 1,000 square feet (93 m<sup>2</sup>).

**903.2.2 Group E.** An automatic sprinkler system shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas greater than 20,000 square feet (1858 m<sup>2</sup>) in area.
2. Throughout every portion of educational buildings below the level of exit discharge.

**Exception:** An automatic sprinkler system is not required in any fire area or area below the level of exit discharge where every classroom throughout the building has at least one exterior exit door at ground level.

**903.2.3 Group F-1.** An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. Where a Group F-1 fire area exceeds 12,000 square feet (1115 m<sup>2</sup>);
2. Where a Group F-1 fire area is located more than three stories above grade plane; or
3. Where the combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).

**903.2.3.1 Woodworking operations.** An automatic sprinkler system shall be provided throughout all Group F-1 occupancy fire areas that contain woodworking operations in excess of 2,500 square feet in area (232 m<sup>2</sup>) which generate finely divided combustible waste or which use finely divided combustible materials.

**903.2.4 Group H.** Automatic sprinkler systems shall be provided in high-hazard occupancies as required in Sections 903.2.4.1 through 903.2.4.3.

**903.2.4.1 General.** An automatic sprinkler system shall be installed in Group H occupancies.

**903.2.4.2 Group H-5 occupancies.** An automatic sprinkler system shall be installed throughout buildings containing Group H-5 occupancies. The design of the sprinkler system shall not be less than that required under the *International Building Code* for the occupancy hazard classifications in accordance with Table 903.2.4.2.

Where the design area of the sprinkler system consists of a corridor protected by one row of sprinklers, the maximum number of sprinklers required to be calculated is 13.

**TABLE 903.2.4.2  
GROUP H-5 SPRINKLER DESIGN CRITERIA**

LOCATION	OCCUPANCY HAZARD CLASSIFICATION
Fabrication areas	Ordinary Hazard Group 2
Service corridors	Ordinary Hazard Group 2
Storage rooms without dispensing	Ordinary Hazard Group 2
Storage rooms with dispensing	Extra Hazard Group 2
Corridors	Ordinary Hazard Group 2

**903.2.4.3 Pyroxylin plastics.** An automatic sprinkler system shall be provided in buildings, or portions thereof, where cellulose nitrate film or pyroxylin plastics are manufactured, stored or handled in quantities exceeding 100 pounds (45 kg).

**903.2.5 Group I.** An automatic sprinkler system shall be provided throughout buildings with a Group I fire area.

**Exception:** An automatic sprinkler system installed in accordance with Section 903.3.1.2 or 903.3.1.3 shall be allowed in Group I-1 facilities.

**903.2.6 Group M.** An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. Where a Group M fire area exceeds 12,000 square feet (1115 m<sup>2</sup>);
2. Where a Group M fire area is located more than three stories above grade plane; or
3. Where the combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).

**903.2.6.1 High-piled storage.** An automatic sprinkler system shall be provided as required in Chapter 23 in all buildings of Group M where storage of merchandise is in high-piled or rack storage arrays.

**903.2.7 Group R.** An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area.

**903.2.8 Group S-1.** An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 12,000 square feet (1115 m<sup>2</sup>);
2. A Group S-1 fire area is located more than three stories above grade plane; or
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).

**903.2.8.1 Repair garages.** An automatic sprinkler system shall be provided throughout all buildings used as repair garages in accordance with the *International Building Code*, as follows:

1. Buildings two or more stories in height, including basements, with a fire area containing a repair garage exceeding 10,000 square feet (929 m<sup>2</sup>).
2. One-story buildings with a fire area containing a repair garage exceeding 12,000 square feet (1115 m<sup>2</sup>).
3. Buildings with a repair garage servicing vehicles parked in the basement.

**903.2.8.2 Bulk storage of tires.** Buildings and structures where the area for the storage of tires exceeds 20,000 cubic feet (566 m<sup>3</sup>) shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

**903.2.9 Group S-2.** An automatic sprinkler system shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 of the *International Building Code* or where located beneath other groups.

**Exception:** Enclosed parking garages located beneath Group R-3 occupancies.

**903.2.9.1 Commercial parking garages.** An automatic sprinkler system shall be provided throughout buildings used for storage of commercial trucks or buses where the fire area exceeds 5,000 square feet (464 m<sup>2</sup>).

**903.2.10 Windowless stories in all occupancies.** An automatic sprinkler system shall be installed in the locations set forth in Sections 903.2.10.1 through 903.2.10.1.3.

**Exception:** Group R-3 and Group U.

**903.2.10.1 Stories and basements without openings.** An automatic sprinkler system shall be installed in every story or basement of all buildings where the floor area

exceeds 1,500 square feet (139.4 m<sup>2</sup>) and where there is not provided at least one of the following types of exterior wall openings:

1. Openings below grade that lead directly to ground level by an exterior stairway complying with Section 1009 or an outside ramp complying with Section 1010. Openings shall be located in each 50 linear feet (15 240 mm), or fraction thereof, of exterior wall in the story on at least one side.
2. Openings entirely above the adjoining ground level totaling at least 20 square feet (1.86 m<sup>2</sup>) in each 50 linear feet (15 240 mm), or fraction thereof, of exterior wall in the story on at least one side.

**903.2.10.1.1 Opening dimensions and access.** Openings shall have a minimum dimension of not less than 30 inches (762 mm). Such openings shall be accessible to the fire department from the exterior and shall not be obstructed in a manner that fire fighting or rescue cannot be accomplished from the exterior.

**903.2.10.1.2 Openings on one side only.** Where openings in a story are provided on only one side and the opposite wall of such story is more than 75 feet (22 860 mm) from such openings, the story shall be equipped throughout with an approved automatic sprinkler system or openings as specified above shall be provided on at least two sides of the story.

**903.2.10.1.3 Basements.** Where any portion of a basement is located more than 75 feet (22 860 mm) from openings required by Section 903.2.10.1, the basement shall be equipped throughout with an approved automatic sprinkler system.

**903.2.10.2 Rubbish and linen chutes.** An automatic sprinkler system shall be installed at the top of rubbish and linen chutes and in their terminal rooms. Chutes extending through three or more floors shall have additional sprinkler heads installed within such chutes at alternate floors. Chute sprinklers shall be accessible for servicing.

**903.2.10.3 Buildings 55 feet or more in height.** An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of 30 or more that is located 55 feet (16 764 mm) or more above the lowest level of fire department vehicle access.

**Exceptions:**

1. Airport control towers.
2. Open parking structures.
3. Occupancies in Group F-2.

**903.2.11 During construction.** Automatic sprinkler systems required during construction, alteration and demolition operations shall be provided in accordance with Section 1413.

**903.2.12 Other hazards.** Automatic sprinkler protection shall be provided for the hazards indicated in Sections 903.2.12.1 and 903.2.12.2.

**903.2.12.1 Ducts conveying hazardous exhausts.** Where required by the *International Mechanical Code*, automatic sprinklers shall be provided in ducts conveying hazardous exhaust, flammable or combustible materials.

**Exception:** Ducts where the largest cross-sectional diameter of the duct is less than 10 inches (254 mm).

**903.2.12.2 Commercial cooking operations.** An automatic sprinkler system shall be installed in a commercial kitchen exhaust hood and duct system where an automatic sprinkler system is used to comply with Section 904.

**903.2.13 Other required suppression systems.** In addition to the requirements of Section 903.2, the provisions indicated in Table 903.2.13 also require the installation of a suppression system for certain buildings and areas.

**903.3 Installation requirements.** Automatic sprinkler systems shall be designed and installed in accordance with Sections 903.3.1 through 903.3.7.

**903.3.1 Standards.** Sprinkler systems shall be designed and installed in accordance with Sections 903.3.1.1, 903.3.1.2 or 903.3.1.3.

**903.3.1.1 NFPA 13 sprinkler systems.** Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 except as provided in Section 903.3.1.1.1.

**903.3.1.1.1 Exempt locations.** Automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an approved automatic fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance rated construction or contains electrical equipment.

1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the fire code official.
3. Generator and transformer rooms separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a fire-resistance rating of not less than 2 hours.
4. In rooms or areas that are of noncombustible construction with wholly noncombustible contents.

**903.3.1.2 NFPA 13R sprinkler systems.** Where allowed in buildings of Group R, up to and including four stories in height, automatic sprinkler systems shall be installed throughout in accordance with NFPA 13R.

**TABLE 903.2.13**  
**ADDITIONAL REQUIRED FIRE-EXTINGUISHING SYSTEMS**

SECTION	SUBJECT
914.2.1	Covered malls
914.3.1	High rise buildings
914.4.1	Atriums
914.5.1	Underground structures
914.6.1	Stages
914.7.1	Special amusement buildings
914.8.2, 914.8.5	Aircraft hangars
914.9	Flammable finishes
914.10	Drying rooms
1025.6.2.3	Smoke-protected seating
1208.2	Dry cleaning plants
1208.3	Dry cleaning machines
1504.2	Spray finishing in Group A, E, I or R
1504.4	Spray booths and spray rooms
1505.2	Dip-tank rooms in Group A, I or R
1505.4.1	Dip tanks
1505.9.4	Hardening and tempering tanks
1803.10	HPM facilities
1803.10.1.1	HPM work station exhaust
1803.10.2	HPM gas cabinets and exhausted enclosures
1803.10.3	HPM exit access corridor
1803.10.4	HPM exhaust ducts
1803.10.4.1	HPM noncombustible ducts
1803.10.4.2	HPM combustible ducts
1907.3	Lumber production conveyor enclosures
1908.7	Recycling facility conveyor enclosures
2106.1	Class A and B ovens
2106.2	Class C and D ovens
2209.3.2.6.2	Hydrogen motor fuel-dispensing area canopies
Table 2306.2	Storage fire protection
2306.4	Storage
2703.8.4.1	Gas rooms
2703.8.5.3	Exhausted enclosures
2704.5	Indoor storage of hazardous materials
2705.1.8	Indoor dispensing of hazardous materials
2804.4.1	Aerosol warehouses
2806.3.2	Aerosol display and merchandising areas
2904.5	Storage of more than 1,000 cubic feet of loose combustible fibers
3306.5.2.1	Storage of smokeless propellant
3306.5.2.3	Storage of small arms primers

(continued)

**TABLE 903.2.13—continued**  
**ADDITIONAL REQUIRED FIRE-EXTINGUISHING SYSTEMS**

SECTION	SUBJECT
3404.3.7.5.1	Flammable and combustible liquid storage rooms
3404.3.8.4	Flammable and combustible liquid storage warehouses
3405.3.7.3	Flammable and combustible liquid Group H-2 or H-3 areas
3704.1.2	Gas cabinets for highly toxic and toxic gas
3704.1.3	Exhausted enclosures for highly toxic and toxic gas
3704.2.2.6	Gas rooms for highly toxic and toxic gas
3704.3.3	Outdoor storage for highly toxic and toxic gas
4106.2.2	Exhausted enclosures or gas cabinets for silane gas
4204.1.1	Pyroxylin plastic storage cabinets
4204.1.3	Pyroxylin plastic storage vaults
4204.2	Pyroxylin plastic storage and manufacturing

**903.3.1.2.1 Balconies and decks.** Sprinkler protection shall be provided for exterior balconies, decks and ground floor patios of dwelling units where the building is of Type V construction. Sidewall sprinklers that are used to protect such areas shall be permitted to be located such that their deflectors are within 1 inch (25 mm) to 6 inches (152 mm) below the structural members and a maximum distance of 14 inches (356 mm) below the deck of the exterior balconies and decks that are constructed of open wood joist construction.

**903.3.1.3 NFPA 13D sprinkler systems.** Where allowed, automatic sprinkler systems installed in one- and two-family dwellings shall be installed throughout in accordance with NFPA 13D.

**903.3.2 Quick-response and residential sprinklers.** Where automatic sprinkler systems are required by this code, quick-response or residential automatic sprinklers shall be installed in the following areas in accordance with Section 903.3.1 and their listings:

1. Throughout all spaces within a smoke compartment containing patient sleeping units in Group I-2 in accordance with the *International Building Code*.
2. Dwelling units and sleeping units in Group R and I-1 occupancies.
3. Light-hazard occupancies as defined in NFPA 13.

**903.3.3 Obstructed locations.** Automatic sprinklers shall be installed with due regard to obstructions that will delay activation or obstruct the water distribution pattern. Automatic sprinklers shall be installed in or under covered kiosks, displays, booths, concession stands, or equipment that exceeds 4 feet (1219 mm) in width. Not less than a 3-foot (914 mm) clearance shall be maintained between

automatic sprinklers and the top of piles of combustible fibers.

**Exception:** Kitchen equipment under exhaust hoods protected with a fire-extinguishing system in accordance with Section 904.

**903.3.4 Actuation.** Automatic sprinkler systems shall be automatically actuated unless specifically provided for in this code.

**903.3.5 Water supplies.** Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the *International Plumbing Code*.

**903.3.5.1 Domestic services.** Where the domestic service provides the water supply for the automatic sprinkler system, the supply shall be in accordance with this section.

**903.3.5.1.1 Limited area sprinkler systems.** Limited area sprinkler systems serving fewer than 20 sprinklers on any single connection are permitted to be connected to the domestic service where a wet automatic standpipe is not available. Limited area sprinkler systems connected to domestic water supplies shall comply with each of the following requirements:

1. Valves shall not be installed between the domestic water riser control valve and the sprinklers.

**Exception:** An approved indicating control valve supervised in the open position in accordance with Section 903.4.

2. The domestic service shall be capable of supplying the simultaneous domestic demand and the sprinkler demand required to be hydraulically calculated by NFPA 13, NFPA 13R or NFPA 13D.

**903.3.5.1.2 Residential combination services.** A single combination water supply shall be allowed provided that the domestic demand is added to the sprinkler demand as required by NFPA 13R.

**903.3.5.2 Secondary water supply.** A secondary on-site water supply equal to the hydraulically calculated sprinkler demand, including the hose stream requirement, shall be provided for high-rise buildings in Seismic Design Category C, D, E or F as determined by the *International Building Code*. The secondary water supply shall have a duration of not less than 30 minutes as determined by the occupancy hazard classification in accordance with NFPA 13.

**Exception:** Existing buildings.

**903.3.6 Hose threads.** Fire hose threads and fittings used in connection with automatic sprinkler systems shall be as prescribed by the fire code official.

**903.3.7 Fire department connections.** The location of fire department connections shall be approved by the fire code official.

**903.4 Sprinkler system monitoring and alarms.** All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures, and water-flow switches on all sprinkler systems shall be electrically supervised.

**Exceptions:**

1. Automatic sprinkler systems protecting one- and two-family dwellings.
2. Limited area systems serving fewer than 20 sprinklers.
3. Automatic sprinkler systems installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the automatic sprinkler system, and a separate shutoff valve for the automatic sprinkler system is not provided.
4. Jockey pump control valves that are sealed or locked in the open position.
5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.
6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, preaction and deluge sprinkler systems that are sealed or locked in the open position.

**903.4.1 Signals.** Alarm, supervisory and trouble signals shall be distinctly different and shall be automatically transmitted to an approved central station, remote supervising station or proprietary supervising station as defined in NFPA 72 or, when approved by the fire code official, shall sound an audible signal at a constantly attended location.

**Exceptions:**

1. Underground key or hub valves in roadway boxes provided by the municipality or public utility are not required to be monitored.
2. Backflow prevention device test valves located in limited area sprinkler system supply piping shall be locked in the open position. In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and separately annunciated.

**903.4.2 Alarms.** Approved audible devices shall be connected to every automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building in an approved location. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.



**903.4.3 Floor control valves.** Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in high-rise buildings.

**903.5 Testing and maintenance.** Sprinkler systems shall be tested and maintained in accordance with Section 901.

**903.6 Existing buildings.** The provisions of this section are intended to provide a reasonable degree of safety in existing structures not complying with the minimum requirements of the *International Building Code* by requiring installation of an automatic fire-extinguishing system.

**903.6.1 Pyroxylin plastics.** All structures occupied for the manufacture or storage of articles of cellulose nitrate (pyroxylin) plastic shall be equipped with an approved automatic fire-extinguishing system. Vaults located within buildings for the storage of raw pyroxylin shall be protected with an approved automatic sprinkler system capable of discharging 1.66 gallons per minute per square foot (68 L/min/m<sup>2</sup>) over the area of the vault.

## SECTION 904 ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

**904.1 General.** Automatic fire-extinguishing systems, other than automatic sprinkler systems, shall be designed, installed, inspected, tested and maintained in accordance with the provisions of this section and the applicable referenced standards.

**904.2 Where required.** Automatic fire-extinguishing systems installed as an alternative to the required automatic sprinkler systems of Section 903 shall be approved by the fire code official. Automatic fire-extinguishing systems shall not be considered alternatives for the purposes of exceptions or reductions allowed by other requirements of this code.

**904.2.1 Commercial hood and duct systems.** Each required commercial kitchen exhaust hood and duct system required by Section 609 to have a Type I hood shall be protected with an approved automatic fire-extinguishing system installed in accordance with this code.

**904.3 Installation.** Automatic fire-extinguishing systems shall be installed in accordance with this section.

**904.3.1 Electrical wiring.** Electrical wiring shall be in accordance with the *ICC Electrical Code*.

**904.3.2 Actuation.** Automatic fire-extinguishing systems shall be automatically actuated and provided with a manual means of actuation in accordance with Section 904.11.1.

**904.3.3 System interlocking.** Automatic equipment interlocks with fuel shutoffs, ventilation controls, door closers, window shutters, conveyor openings, smoke and heat vents, and other features necessary for proper operation of the fire-extinguishing system shall be provided as required by the design and installation standard utilized for the hazard.

**904.3.4 Alarms and warning signs.** Where alarms are required to indicate the operation of automatic fire-extinguishing systems, distinctive audible, visible alarms and warning signs shall be provided to warn of pending agent discharge. Where exposure to automatic-extinguishing

agents poses a hazard to persons and a delay is required to ensure the evacuation of occupants before agent discharge, a separate warning signal shall be provided to alert occupants once agent discharge has begun. Audible signals shall be in accordance with Section 907.10.2.

**904.3.5 Monitoring.** Where a building fire alarm system is installed, automatic fire-extinguishing systems shall be monitored by the building fire alarm system in accordance with NFPA 72.

**904.4 Inspection and testing.** Automatic fire-extinguishing systems shall be inspected and tested in accordance with the provisions of this section prior to acceptance.

**904.4.1 Inspection.** Prior to conducting final acceptance tests, the following items shall be inspected:

1. Hazard specification for consistency with design hazard.
2. Type, location and spacing of automatic- and manual-initiating devices.
3. Size, placement and position of nozzles or discharge orifices.
4. Location and identification of audible and visible alarm devices.
5. Identification of devices with proper designations.
6. Operating instructions.

**904.4.2 Alarm testing.** Notification appliances, connections to fire alarm systems, and connections to approved supervising stations shall be tested in accordance with this section and Section 907 to verify proper operation.

**904.4.2.1 Audible and visible signals.** The audibility and visibility of notification appliances signaling agent discharge or system operation, where required, shall be verified.

**904.4.3 Monitor testing.** Connections to protected premises and supervising station fire alarm systems shall be tested to verify proper identification and retransmission of alarms from automatic fire-extinguishing systems.

**904.5 Wet-chemical systems.** Wet-chemical extinguishing systems shall be installed, maintained, periodically inspected and tested in accordance with NFPA 17A and their listing.

**904.5.1 System test.** Systems shall be inspected and tested for proper operation at 6-month intervals. Tests shall include a check of the detection system, alarms and releasing devices, including manual stations and other associated equipment. Extinguishing system units shall be weighed and the required amount of agent verified. Stored pressure-type units shall be checked for the required pressure. The cartridge of cartridge-operated units shall be weighed and replaced at intervals indicated by the manufacturer.

**904.5.2 Fusible link maintenance.** Fixed temperature-sensing elements shall be maintained to ensure proper operation of the system.

**904.6 Dry-chemical systems.** Dry-chemical extinguishing systems shall be installed, maintained, periodically inspected and tested in accordance with NFPA 17 and their listing.

suppression systems or equipment, or maintenance features of related systems.

**TIRES, BULK STORAGE OF.** Storage of tires where the area available for storage exceeds 20,000 cubic feet (566 m<sup>3</sup>).

**[B] TRANSIENT AIRCRAFT.** Aircraft based at another location and is at the transient location for not more than 90 days.

**TROUBLE SIGNAL.** A signal initiated by the fire alarm system or device indicative of a fault in a monitored circuit or component.

**VISIBLE ALARM NOTIFICATION APPLIANCE.** A notification appliance that alerts by the sense of sight.

**WET-CHEMICAL EXTINGUISHING AGENT.** A solution of water and potassium-carbonate-based chemical, potassium-acetate-based chemical or a combination thereof, forming an extinguishing agent.

**WIRELESS PROTECTION SYSTEM.** A system or a part of a system that can transmit and receive signals without the aid of wire.

**ZONE.** A defined area within the protected premises. A zone can define an area from which a signal can be received, an area to which a signal can be sent or an area in which a form of control can be executed.

**ZONE, NOTIFICATION.** An area within a building or facility covered by notification appliances which are activated simultaneously.

## SECTION 903 AUTOMATIC SPRINKLER SYSTEMS

**903.1 General.** *Automatic sprinkler systems* shall comply with this section.

**903.1.1 Alternative protection.** Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in lieu of automatic sprinkler protection where recognized by the applicable standard and *approved by the fire code official*.

**903.2 Where required.** *Approved automatic sprinkler systems* in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12.

**Exception:** Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour *fire barriers* constructed in accordance with Section 707 of the *International Building Code* or not less than 2-hour *horizontal assemblies* constructed in accordance with Section 712 of the *International Building Code*, or both.

**903.2.1 Group A.** An *automatic sprinkler system* shall be provided throughout buildings and portions thereof used as Group A occupancies as provided in this section. For Group A-1, A-2, A-3 and A-4 occupancies, the *automatic sprinkler*

*system* shall be provided throughout the floor area where the Group A-1, A-2, A-3 or A-4 occupancy is located, and in all floors from the Group A occupancy to, and including, the nearest *level of exit discharge* serving the Group A occupancy. For Group A-5 occupancies, the *automatic sprinkler system* shall be provided in the spaces indicated in Section 903.2.1.5.

**903.2.1.1 Group A-1.** An *automatic sprinkler system* shall be provided for Group A-1 occupancies where one of the following conditions exists:

1. The *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. The *fire area* has an *occupant load* of 300 or more.
3. The *fire area* is located on a floor other than a *level of exit discharge* serving such occupancies.
4. The *fire area* contains a multitheater complex.

**903.2.1.2 Group A-2.** An *automatic sprinkler system* shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The *fire area* exceeds 5,000 square feet (464 m<sup>2</sup>).
2. The *fire area* has an *occupant load* of 100 or more.
3. The *fire area* is located on a floor other than a *level of exit discharge* serving such occupancies.

**903.2.1.3 Group A-3.** An *automatic sprinkler system* shall be provided for Group A-3 occupancies where one of the following conditions exists:

1. The *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. The *fire area* has an *occupant load* of 300 or more.
3. The *fire area* is located on a floor other than a *level of exit discharge* serving such occupancies.

**903.2.1.4 Group A-4.** An *automatic sprinkler system* shall be provided for Group A-4 occupancies where one of the following conditions exists:

1. The *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. The *fire area* has an *occupant load* of 300 or more.
3. The *fire area* is located on a floor other than a *level of exit discharge* serving such occupancies.

**903.2.1.5 Group A-5.** An *automatic sprinkler system* shall be provided for Group A-5 occupancies in the following areas: concession stands, retail areas, press boxes and other accessory use areas in excess of 1,000 square feet (93 m<sup>2</sup>).

**[F] 903.2.2 Group B ambulatory health care facilities.** An *automatic sprinkler system* shall be installed throughout all *fire areas* containing a Group B ambulatory health care facility occupancy when either of the following conditions exist at any time:

1. Four or more care recipients are incapable of self-preservation.
2. One or more care recipients who are incapable of self-preservation are located at other than the *level of exit discharge* serving such an occupancy.

**903.2.3 Group E.** An *automatic sprinkler system* shall be provided for Group E occupancies as follows:

1. Throughout all Group E *fire areas* greater than 12,000 square feet (1115 m<sup>2</sup>) in area.
2. Throughout every portion of educational buildings below the lowest level of *exit discharge* serving that portion of the building.

**Exception:** An *automatic sprinkler system* is not required in any area below the lowest level of *exit discharge* serving that area where every classroom throughout the building has at least one exterior *exit door* at ground level.

**903.2.4 Group F-1.** An *automatic sprinkler system* shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. A Group F-1 *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group F-1 *fire area* is located more than three stories above grade plane.
3. The combined area of all Group F-1 *fire areas* on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).

**903.2.4.1 Woodworking operations.** An *automatic sprinkler system* shall be provided throughout all Group F-1 occupancy *fire areas* that contain woodworking operations in excess of 2,500 square feet in area (232 m<sup>2</sup>) which generate finely divided combustible waste or which use finely divided combustible materials.

**903.2.5 Group H.** *Automatic sprinkler systems* shall be provided in high-hazard occupancies as required in Sections 903.2.5.1 through 903.2.5.3.

**903.2.5.1 General.** An *automatic sprinkler system* shall be installed in Group H occupancies.

**903.2.5.2 Group H-5 occupancies.** An *automatic sprinkler system* shall be installed throughout buildings containing Group H-5 occupancies. The design of the sprinkler system shall not be less than that required under the *International Building Code* for the occupancy hazard classifications in accordance with Table 903.2.5.2.

Where the design area of the sprinkler system consists of a *corridor* protected by one row of sprinklers, the maximum number of sprinklers required to be calculated is 13.

TABLE 903.2.5.2  
GROUP H-5 SPRINKLER DESIGN CRITERIA

LOCATION	OCCUPANCY HAZARD CLASSIFICATION
Fabrication areas	Ordinary Hazard Group 2
Service corridors	Ordinary Hazard Group 2
Storage rooms without dispensing	Ordinary Hazard Group 2
Storage rooms with dispensing	Extra Hazard Group 2
Corridors	Ordinary Hazard Group 2

**903.2.5.3 Pyroxylin plastics.** An *automatic sprinkler system* shall be provided in buildings, or portions thereof, where cellulose nitrate film or pyroxylin plastics are manufactured, stored or handled in quantities exceeding 100 pounds (45 kg).

**903.2.6 Group I.** An *automatic sprinkler system* shall be provided throughout buildings with a Group I *fire area*.

**Exception:** An *automatic sprinkler system* installed in accordance with Section 903.3.1.2 or 903.3.1.3 shall be allowed in Group I-1 facilities.

**903.2.7 Group M.** An *automatic sprinkler system* shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group M *fire area* is located more than three stories above grade plane.
3. The combined area of all Group M *fire areas* on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).
4. A Group M occupancy is used for the display and sale of upholstered furniture.

**903.2.7.1 High-piled storage.** An *automatic sprinkler system* shall be provided as required in Chapter 23 in all buildings of Group M where storage of merchandise is in high-piled or rack storage arrays.

**903.2.8 Group R.** An *automatic sprinkler system* installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R *fire area*.

**903.2.9 Group S-1.** An *automatic sprinkler system* shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 *fire area* exceeds 12,000 square feet (1115 m<sup>2</sup>).
2. A Group S-1 *fire area* is located more than three stories above grade plane.
3. The combined area of all Group S-1 *fire areas* on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).
4. A Group S-1 *fire area* used for the storage of commercial trucks or buses where the *fire area* exceeds 5,000 square feet (464 m<sup>2</sup>).

**903.2.9.1 Repair garages.** An *automatic sprinkler system* shall be provided throughout all buildings used as repair garages in accordance with Section 406 of the *International Building Code*, as shown:

1. Buildings having two or more stories above grade plane, including *basements*, with a *fire area* containing a repair garage exceeding 10,000 square feet (929 m<sup>2</sup>).
2. Buildings no more than one story above grade plane, with a *fire area* containing a repair garage exceeding 12,000 square feet (1115 m<sup>2</sup>).

3. Buildings with repair garages servicing vehicles parked in *basements*.
4. A Group S-1 *fire area* used for the repair of commercial trucks or buses where the *fire area* exceeds 5,000 square feet (464 m<sup>2</sup>).

**903.2.9.2 Bulk storage of tires.** Buildings and structures where the area for the storage of tires exceeds 20,000 cubic feet (566 m<sup>3</sup>) shall be equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1.

**903.2.10 Group S-2 enclosed parking garages.** An *automatic sprinkler system* shall be provided throughout buildings classified as enclosed parking garages in accordance with Section 406.4 of the *International Building Code* as follows:

1. Where the *fire area* of the enclosed parking garage exceeds 12,000 square feet (1115 m<sup>2</sup>); or
2. Where the enclosed parking garage is located beneath other groups.

**Exception:** Enclosed parking garages located beneath Group R-3 occupancies.

**903.2.10.1 Commercial parking garages.** An *automatic sprinkler system* shall be provided throughout buildings used for storage of commercial trucks or buses where the *fire area* exceeds 5,000 square feet (464 m<sup>2</sup>).

**903.2.11 Specific building areas and hazards.** In all occupancies an *automatic sprinkler system* shall be installed for building design or hazards in the locations set forth in Sections 903.2.11.1 through 903.2.11.6.

**Exception:** Groups R-3 and U.

**903.2.11.1 Stories without openings.** An *automatic sprinkler system* shall be installed throughout all stories, including *basements*, of all buildings where the floor area exceeds 1,500 square feet (139.4 m<sup>2</sup>) and where there is not provided at least one of the following types of *exterior wall openings*:

1. Openings below grade that lead directly to ground level by an exterior *stairway* complying with Section 1009 or an outside ramp complying with Section 1010. Openings shall be located in each 50 linear feet (15 240 mm), or fraction thereof, of *exterior wall* in the story on at least one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet (15 240 mm).
2. Openings entirely above the adjoining ground level totaling at least 20 square feet (1.86 m<sup>2</sup>) in each 50 linear feet (15 240 mm), or fraction thereof, of *exterior wall* in the story on at least one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet (15 240 mm).

**903.2.11.1.1 Opening dimensions and access.** Openings shall have a minimum dimension of not less than 30 inches (762 mm). Such openings shall be

accessible to the fire department from the exterior and shall not be obstructed in a manner that fire fighting or rescue cannot be accomplished from the exterior.

**903.2.11.1.2 Openings on one side only.** Where openings in a story are provided on only one side and the opposite wall of such story is more than 75 feet (22 860 mm) from such openings, the story shall be equipped throughout with an *approved automatic sprinkler system* or openings as specified above shall be provided on at least two sides of the story.

**903.2.11.1.3 Basements.** Where any portion of a *basement* is located more than 75 feet (22 860 mm) from openings required by Section 903.2.11.1, the *basement* shall be equipped throughout with an *approved automatic sprinkler system*.

**903.2.11.2 Rubbish and linen chutes.** An *automatic sprinkler system* shall be installed at the top of rubbish and linen chutes and in their termination rooms. Chutes extending through three or more floors shall have additional sprinkler heads installed within such chutes at alternate floors. Chute sprinklers shall be accessible for servicing.

**903.2.11.3 Buildings 55 feet or more in height.** An *automatic sprinkler system* shall be installed throughout buildings with a floor level having an *occupant load* of 30 or more that is located 55 feet (16 764 mm) or more above the lowest level of fire department vehicle access.

**Exceptions:**

1. Airport control towers.
2. Open parking structures.
3. Occupancies in Group F-2.

**903.2.11.4 Ducts conveying hazardous exhausts.** Where required by the *International Mechanical Code*, automatic sprinklers shall be provided in ducts conveying hazardous exhaust, flammable or combustible materials.

**Exception:** Ducts where the largest cross-sectional diameter of the duct is less than 10 inches (254 mm).

**903.2.11.5 Commercial cooking operations.** An *automatic sprinkler system* shall be installed in a commercial kitchen exhaust hood and duct system where an *automatic sprinkler system* is used to comply with Section 904.

**903.2.11.6 Other required suppression systems.** In addition to the requirements of Section 903.2, the provisions indicated in Table 903.2.11.6 also require the installation of a fire suppression system for certain buildings and areas.

**903.2.12 During construction.** *Automatic sprinkler systems* required during construction, alteration and demolition operations shall be provided in accordance with Section 1413.

**903.3 Installation requirements.** *Automatic sprinkler systems* shall be designed and installed in accordance with Sections 903.3.1 through 903.3.7.

TABLE 903.2.11.6  
ADDITIONAL REQUIRED FIRE SUPPRESSION SYSTEMS

SECTION	SUBJECT
914.2.1	Covered malls
914.3.1	High rise buildings
914.4.1	Atriums
914.5.1	Underground structures
914.6.1	Stages
914.7.1	Special amusement buildings
914.8.2, 914.8.5	Aircraft hangars
914.9	Flammable finishes
914.10	Drying rooms
914.11.1	Group B ambulatory health care facilities
1028.6.2.3	Smoke-protected assembly seating
1208.2	Dry cleaning plants
1208.3	Dry cleaning machines
1504.2	Spray finishing in Group A, E, I or R
1504.4	Spray booths and spray rooms
1505.2	Dip-tank rooms in Group A, I or R
1505.4.1	Dip tanks
1505.9.4	Hardening and tempering tanks
1803.10	HPM facilities
1803.10.1.1	HPM work station exhaust
1803.10.2	HPM gas cabinets and exhausted enclosures
1803.10.3	HPM exit access corridor
1803.10.4	HPM exhaust ducts
1803.10.4.1	HPM noncombustible ducts
1803.10.4.2	HPM combustible ducts
1907.3	Lumber production conveyor enclosures
1908.7	Recycling facility conveyor enclosures
2106.1	Class A and B ovens
2106.2	Class C and D ovens
2209.3.2.6.2	Hydrogen motor fuel-dispensing area canopies
Table 2306.2	Storage fire protection
2306.4	Storage
2703.8.4.1	Gas rooms
2703.8.5.3	Exhausted enclosures
2704.5	Indoor storage of hazardous materials
2705.1.8	Indoor dispensing of hazardous materials
2804.4.1	Aerosol warehouses
2806.3.2	Aerosol display and merchandising areas
2904.5	Storage of more than 1,000 cubic feet of loose combustible fibers
3306.5.2.1	Storage of smokeless propellant
3306.5.2.3	Storage of small arms primers

(continued)

TABLE 903.2.11.6—continued  
ADDITIONAL REQUIRED FIRE SUPPRESSION SYSTEMS

SECTION	SUBJECT
3404.3.7.5.1	Flammable and combustible liquid storage rooms
3404.3.8.4	Flammable and combustible liquid storage warehouses
3405.3.7.3	Flammable and combustible liquid Group H-2 or H-3 areas
3704.1.2	Gas cabinets for highly toxic and toxic gas
3704.1.3	Exhausted enclosures for highly toxic and toxic gas
3704.2.2.6	Gas rooms for highly toxic and toxic gas
3704.3.3	Outdoor storage for highly toxic and toxic gas
4204.1.1	Pyroxylin plastic storage cabinets
4204.1.3	Pyroxylin plastic storage vaults
4204.2	Pyroxylin plastic storage and manufacturing
4603.4.1	Pyroxylin plastic storage in existing buildings
4603.4.2	Existing Group I-2 occupancies

For SI: 1 cubic foot = 0.028 m<sup>3</sup>.

**903.3.1 Standards.** Sprinkler systems shall be designed and installed in accordance with Section 903.3.1.1, unless otherwise permitted by Sections 903.3.1.2 and 903.3.1.3.

**903.3.1.1 NFPA 13 sprinkler systems.** Where the provisions of this code require that a building or portion thereof be equipped throughout with an *automatic sprinkler system* in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 except as provided in Section 903.3.1.1.1.

**903.3.1.1.1 Exempt locations.** Automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an *approved* automatic fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance rated construction or contains electrical equipment.

1. Any room where the application of water, or flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when *approved* by the *fire code official*.
3. Generator and transformer rooms separated from the remainder of the building by walls and floor/ceiling or roof/ceiling assemblies having a *fire-resistance rating* of not less than 2 hours.
4. Rooms or areas that are of noncombustible construction with wholly noncombustible contents.
5. Fire service access elevator machine rooms and machinery spaces.

**903.3.1.2 NFPA 13R sprinkler systems.** *Automatic sprinkler systems* in Group R occupancies up to and including four stories in height shall be permitted to be installed throughout in accordance with NFPA 13R.

**903.3.1.2.1 Balconies and decks.** Sprinkler protection shall be provided for exterior balconies, decks and ground floor patios of *dwelling units* where the building is of Type V construction, provided there is a roof or deck above. Sidewall sprinklers that are used to protect such areas shall be permitted to be located such that their deflectors are within 1 inch (25 mm) to 6 inches (152 mm) below the structural members and a maximum distance of 14 inches (356 mm) below the deck of the exterior balconies and decks that are constructed of open wood joist construction.

**903.3.1.3 NFPA 13D sprinkler systems.** *Automatic sprinkler systems* installed in one- and two-family *dwelling units* and *townhouses* shall be permitted to be installed throughout in accordance with NFPA 13D.

**903.3.2 Quick-response and residential sprinklers.** Where *automatic sprinkler systems* are required by this code, quick-response or residential automatic sprinklers shall be installed in the following areas in accordance with Section 903.3.1 and their listings:

1. Throughout all spaces within a smoke compartment containing patient *sleeping units* in Group I-2 in accordance with the *International Building Code*.
2. *Dwelling units* and *sleeping units* in Group R and I-1 occupancies.
3. Light-hazard occupancies as defined in NFPA 13.

**903.3.3 Obstructed locations.** Automatic sprinklers shall be installed with due regard to obstructions that will delay activation or obstruct the water distribution pattern. Automatic sprinklers shall be installed in or under covered kiosks, displays, booths, concession stands or equipment that exceeds 4 feet (1219 mm) in width. Not less than a 3-foot (914 mm) clearance shall be maintained between automatic sprinklers and the top of piles of *combustible fibers*.

**Exception:** Kitchen equipment under exhaust hoods protected with a fire-extinguishing system in accordance with Section 904.

**903.3.4 Actuation.** *Automatic sprinkler systems* shall be automatically actuated unless specifically provided for in this code.

**903.3.5 Water supplies.** Water supplies for *automatic sprinkler systems* shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the *International Plumbing Code*.

**903.3.5.1 Domestic services.** Where the domestic service provides the water supply for the *automatic sprinkler system*, the supply shall be in accordance with this section.

**903.3.5.1.1 Limited area sprinkler systems.** Limited area sprinkler systems serving fewer than 20 sprinklers on any single connection are permitted to be connected to the domestic service where a wet automatic standpipe is not available. Limited area sprinkler systems connected to domestic water supplies shall comply with each of the following requirements:

1. Valves shall not be installed between the domestic water riser control valve and the sprinklers.

**Exception:** An *approved* indicating control valve supervised in the open position in accordance with Section 903.4.

2. The domestic service shall be capable of supplying the simultaneous domestic demand and the sprinkler demand required to be hydraulically calculated by NFPA 13, NFPA 13R or NFPA 13D.

**903.3.5.1.2 Residential combination services.** A single combination water supply shall be allowed provided that the domestic demand is added to the sprinkler demand as required by NFPA 13R.

**903.3.5.2 Secondary water supply.** A secondary on-site water supply equal to the hydraulically calculated sprinkler demand, including the hose stream requirement, shall be provided for high-rise buildings assigned to Seismic Design Category C, D, E or F as determined by the *International Building Code*. The secondary water supply shall have a duration of not less than 30 minutes as determined by the occupancy hazard classification in accordance with NFPA 13.

**Exception:** Existing buildings.

**903.3.6 Hose threads.** Fire hose threads and fittings used in connection with *automatic sprinkler systems* shall be as prescribed by the *fire code official*.

**903.3.7 Fire department connections.** The location of fire department connections shall be *approved* by the *fire code official*.

**903.4 Sprinkler system supervision and alarms.** All valves controlling the water supply for *automatic sprinkler systems*, pumps, tanks, water levels and temperatures, critical air pressures and water-flow switches on all sprinkler systems shall be electrically supervised by a *listed* fire alarm control unit.

**Exceptions:**

1. *Automatic sprinkler systems* protecting one- and two-family *dwelling units*.
2. Limited area systems serving fewer than 20 sprinklers.
3. *Automatic sprinkler systems* installed in accordance with NFPA 13R where a common supply main is used to supply both domestic water and the *automatic sprinkler system*, and a separate shutoff valve for the *automatic sprinkler system* is not provided.



4. Jockey pump control valves that are sealed or locked in the open position.
5. Control valves to commercial kitchen hoods, paint spray booths or dip tanks that are sealed or locked in the open position.
6. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
7. Trim valves to pressure switches in dry, preaction and deluge sprinkler systems that are sealed or locked in the open position.

**903.4.1 Monitoring.** Alarm, supervisory and trouble signals shall be distinctly different and shall be automatically transmitted to an *approved* supervising station or, when *approved* by the *fire code official*, shall sound an audible signal at a constantly attended location.

**Exceptions:**

1. Underground key or hub valves in roadway boxes provided by the municipality or public utility are not required to be monitored.
2. Backflow prevention device test valves located in limited area sprinkler system supply piping shall be locked in the open position. In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and separately annunciated.

**903.4.2 Alarms.** *Approved* audible devices shall be connected to every *automatic sprinkler system*. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building in an *approved* location. Where a fire alarm system is installed, actuation of the *automatic sprinkler system* shall actuate the building fire alarm system.

**903.4.3 Floor control valves.** *Approved* supervised indicating control valves shall be provided at the point of connection to the riser on each floor in high-rise buildings.

**903.5 Testing and maintenance.** Sprinkler systems shall be tested and maintained in accordance with Section 901.

**903.6 Existing buildings.** The provisions of this section are intended to provide a reasonable degree of safety in existing structures not complying with the minimum requirements of the *International Building Code* by requiring installation of an automatic fire-extinguishing system.

**903.6.1 Pyroxylin plastics.** All structures occupied for the manufacture or storage of articles of cellulose nitrate (pyroxylin) plastic shall be equipped with an *approved* automatic fire-extinguishing system where required in Chapter 46.

**903.6.2 Group I-2.** An *automatic sprinkler system* shall be provided throughout Group I-2 *fire areas* where required in Chapter 46.

## SECTION 904 ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

**904.1 General.** Automatic fire-extinguishing systems, other than *automatic sprinkler systems*, shall be designed, installed, inspected, tested and maintained in accordance with the provisions of this section and the applicable referenced standards.

**904.2 Where required.** Automatic fire-extinguishing systems installed as an alternative to the required *automatic sprinkler systems* of Section 903 shall be *approved* by the *fire code official*. Automatic fire-extinguishing systems shall not be considered alternatives for the purposes of exceptions or reductions allowed by other requirements of this code.

**904.2.1 Commercial hood and duct systems.** Each required commercial kitchen exhaust hood and duct system required by Section 609 to have a Type I hood shall be protected with an *approved* automatic fire-extinguishing system installed in accordance with this code.

**904.3 Installation.** Automatic fire-extinguishing systems shall be installed in accordance with this section.

**904.3.1 Electrical wiring.** Electrical wiring shall be in accordance with NFPA 70.

**904.3.2 Actuation.** Automatic fire-extinguishing systems shall be automatically actuated and provided with a manual means of actuation in accordance with Section 904.11.1.

**904.3.3 System interlocking.** Automatic equipment interlocks with fuel shutoffs, ventilation controls, door closers, window shutters, conveyor openings, smoke and heat vents, and other features necessary for proper operation of the fire-extinguishing system shall be provided as required by the design and installation standard utilized for the hazard.

**904.3.4 Alarms and warning signs.** Where alarms are required to indicate the operation of automatic fire-extinguishing systems, distinctive audible, visible alarms and warning signs shall be provided to warn of pending agent discharge. Where exposure to automatic-extinguishing agents poses a hazard to *persons* and a delay is required to ensure the evacuation of occupants before agent discharge, a separate warning signal shall be provided to alert occupants once agent discharge has begun. Audible signals shall be in accordance with Section 907.6.2.

**904.3.5 Monitoring.** Where a building fire alarm system is installed, automatic fire-extinguishing systems shall be monitored by the building fire alarm system in accordance with NFPA 72.

**904.4 Inspection and testing.** Automatic fire-extinguishing systems shall be inspected and tested in accordance with the provisions of this section prior to acceptance.

**904.4.1 Inspection.** Prior to conducting final acceptance tests, the following items shall be inspected:

1. Hazard specification for consistency with design hazard.
2. Type, location and spacing of automatic- and manual-initiating devices.

## DEFINITIONS

**NESTING.** See Section 3002.1.

**NET EXPLOSIVE WEIGHT (net weight).** See Section 3302.1.

**NORMAL TEMPERATURE AND PRESSURE (NTP).** See Section 2702.1.

**[B] NOSING.** See Section 1002.1.

**NUISANCE ALARM.** See Section 902.1.

**[B] NURSING HOMES.** Nursing homes are long-term care facilities on a 24-hour basis, including both intermediate care facilities and skilled nursing facilities, serving more than five persons and any of the persons are incapable of self-preservation.

**OCCUPANCY CLASSIFICATION.** For the purposes of this code, certain occupancies are defined as follows:

**[B] Assembly Group A.** Assembly Group A occupancy includes, among others, the use of a building or structure, or a portion thereof, for the gathering of persons for purposes such as civic, social or religious functions; recreation, food or drink consumption; or awaiting transportation.

### Exceptions:

1. A building or tenant space used for assembly purposes with an *occupant load* of less than 50 persons shall be classified as a Group B occupancy.
2. A room or space used for assembly purposes with an *occupant load* of less than 50 persons and accessory to another occupancy shall be classified as a Group B occupancy or as part of that occupancy.
3. A room or space used for assembly purposes that is less than 750 square feet (70 m<sup>2</sup>) in area and accessory to another occupancy shall be classified as a Group B occupancy or as part of that occupancy.
4. Assembly areas that are accessory to Group E occupancies are not considered separate occupancies except when applying the assembly occupancy requirements of Chapter 11 of the *International Building Code*.
5. Accessory religious educational rooms and religious auditoriums with *occupant loads* of less than 100 are not considered separate occupancies.

Assembly occupancies shall include the following:

**A-1** Assembly uses, usually with fixed seating, intended for the production and viewing of performing arts or motion pictures including, but not limited to:

Motion picture theaters  
Symphony and concert halls  
Television and radio studios admitting an audience  
Theaters

**A-2** Assembly uses intended for food and/or drink consumption including, but not limited to:

Banquet halls  
Night clubs

Restaurants  
Taverns and bars

**A-3** Assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group A, including, but not limited to:

Amusement arcades  
Art galleries  
Bowling alleys  
Community halls  
Courtrooms  
Dance halls (not including food or drink consumption)  
Exhibition halls  
Funeral parlors  
Gymnasiums (without spectator seating)  
Indoor swimming pools (without spectator seating)  
Indoor tennis courts (without spectator seating)  
Lecture halls  
Libraries  
Museums  
Places of religious worship  
Pool and billiard parlors  
Waiting areas in transportation terminals

**A-4** Assembly uses intended for viewing of indoor sporting events and activities with spectator seating including, but not limited to:

Arenas  
Skating rinks  
Swimming pools  
Tennis courts

**A-5** Assembly uses intended for participation in or viewing outdoor activities including, but not limited to:

Amusement park structures  
Bleachers  
Grandstands  
Stadiums

**[B] Business Group B.** Business Group B occupancy includes, among others, the use of a building or structure, or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts. Business occupancies shall include, but not be limited to, the following:

Airport traffic control towers  
Ambulatory health-care facilities  
Animal hospitals, kennels and pounds  
Banks  
Barber and beauty shops  
Car wash  
Civic administration  
Clinic-outpatient  
Dry cleaning and laundries: pick-up and delivery stations and self-service  
Educational occupancies for students above the 12th grade  
Electronic data processing  
Laboratories: testing and research  
Motor vehicle showrooms



Post offices  
 Print shops  
 Professional services (architects, attorneys, dentists, physicians, engineers, etc.)  
 Radio and television stations  
 Telephone exchanges  
 Training and skill development not within a school or academic program

**[B] Educational Group E.** Educational Group E occupancy includes, among others, the use of a building or structure, or a portion thereof, by six or more *persons* at any one time for educational purposes through the 12th grade. Religious educational rooms and religious auditoriums, which are accessory to places of religious worship in accordance with Section 508.3.1 of the *International Building Code* and have *occupant loads* of less than 100, shall be classified as Group A-3 occupancies.

**Day care.** The use of a building or structure, or portion thereof, for educational, supervision or personal care services for more than five children older than 2½ years of age shall be classified as an E occupancy.

**[B] Factory Industrial Group F.** Factory Industrial Group F occupancy includes, among others, the use of a building or structure, or a portion thereof, for assembling, disassembling, fabricating, finishing, manufacturing, packaging, repair or processing operations that are not classified as a Group H high-hazard or Group S storage occupancy.

**Factory Industrial F-1 Moderate-hazard occupancy.** Factory industrial uses which are not classified as Factory Industrial F-2 Low Hazard shall be classified as F-1 Moderate Hazard and shall include, but not be limited to, the following:

Aircraft (manufacturing, not to include repair)  
 Appliances  
 Athletic equipment  
 Automobiles and other motor vehicles  
 Bakeries  
 Beverages; over 16-percent alcohol content  
 Bicycles  
 Boats  
 Brooms or brushes  
 Business machines  
 Cameras and photo equipment  
 Canvas or similar fabric  
 Carpets and rugs (includes cleaning)  
 Clothing  
 Construction and agricultural machinery  
 Disinfectants  
 Dry cleaning and dyeing  
 Electric generation plants  
 Electronics  
 Engines (including rebuilding)  
 Food processing  
 Furniture  
 Hemp products  
 Jute products  
 Laundries  
 Leather products

Machinery  
 Metals  
 Millwork (sash and door)  
 Motion pictures and television filming (without spectators)  
 Musical instruments  
 Optical goods  
 Paper mills or products  
 Photographic film  
 Plastic products  
 Printing or publishing  
 Refuse incineration  
 Shoes  
 Soaps and detergents  
 Textiles  
 Tobacco  
 Trailers  
 Upholstering  
 Wood; distillation  
 Woodworking (cabinet)

**[B] Factory Industrial F-2 Low-hazard Occupancy.** Factory industrial uses involving the fabrication or manufacturing of noncombustible materials which, during finishing, packaging or processing do not involve a significant fire hazard, shall be classified as Group F-2 occupancies and shall include, but not be limited to, the following:

Beverages; up to and including 16-percent alcohol content  
 Brick and masonry  
 Ceramic products  
 Foundries  
 Glass products  
 Gypsum  
 Ice  
 Metal products (fabrication and assembly)

**High-hazard Group H.** High-hazard Group H occupancy includes, among others, the use of a building or structure, or a portion thereof, that involves the manufacturing, processing, generation or storage of materials that constitute a physical or *health hazard* in quantities in excess of those allowed in *control areas* complying with Section 2703.8.3, based on the maximum allowable quantity limits for *control areas* set forth in Tables 2703.1.1(1) and 2703.1.1(2). Hazardous occupancies are classified in Groups H-1, H-2, H-3, H-4 and H-5 and shall be in accordance with this code and the requirements of Section 415 of the *International Building Code*. Hazardous materials stored or used on top of roofs or canopies shall be classified as outdoor storage or use and shall comply with this code.

**Exceptions:** The following shall not be classified as Group H, but shall be classified as the occupancy that they most nearly resemble.

1. Buildings and structures occupied for the application of flammable finishes, provided that such buildings or areas conform to the requirements of Chapter 15 of this code and Section 416 of the *International Building Code*.

## DEFINITIONS

2. Wholesale and retail sales and storage of flammable and *combustible liquids* in mercantile occupancies conforming to Chapter 34.
3. Closed piping system containing flammable or *combustible liquids* or gases utilized for the operation of machinery or equipment.
4. Cleaning establishments that utilize *combustible liquid* solvents having a *flash point* of 140°F (60°C) or higher in *closed systems* employing equipment listed by an approved testing agency, provided that this occupancy is separated from all other areas of the building by 1-hour *fire barriers* in accordance with Section 707 of the *International Building Code* or 1-hour *horizontal assemblies* in accordance with Section 712 of the *International Building Code*, or both.
5. Cleaning establishments that utilize a liquid solvent having a *flash point* at or above 200°F (93°C).
6. Liquor stores and distributors without bulk storage.
7. Refrigeration systems.
8. The storage or utilization of materials for agricultural purposes on the premises.
9. Stationary batteries utilized for facility emergency power, uninterrupted power supply or telecommunication facilities, provided that the batteries are equipped with safety venting caps and ventilation is provided in accordance with the *International Mechanical Code*.
10. *Corrosives* shall not include personal or household products in their original packaging used in retail display or commonly used building materials.
11. Buildings and structures occupied for aerosol storage shall be classified as Group S-1, provided that such buildings conform to the requirements of Chapter 28.
12. Display and storage of nonflammable solid and nonflammable or noncombustible liquid hazardous materials in quantities not exceeding the *maximum allowable quantity per control area* in Group M or S occupancies complying with Section 2703.8.3.5.
13. The storage of black powder, smokeless propellant and small arms primers in Groups M and R-3 and special industrial explosive devices in Groups B, F, M and S, provided such storage conforms to the quantity limits and requirements of this code.

**High-hazard Group H-1.** Buildings and structures containing materials that pose a *detonation* hazard shall be classified as Group H-1. Such materials shall include, but not be limited to, the following:

Detonable pyrophoric materials

Explosives:

Division 1.1

Division 1.2

Division 1.3

**Exception:** Materials that are used and maintained in a form where either confinement or configuration will not elevate the hazard from a mass fire to mass explosion hazard shall be allowed in Group H-2 occupancies.

Division 1.4

**Exception:** Articles, including articles packaged for shipment, that are not regulated as an *explosive* under Bureau of Alcohol, Tobacco and Firearms regulations, or unpackaged articles used in process operations that do not propagate a *detonation* or *deflagration* between articles shall be allowed in Group H-3 occupancies.

Division 1.5

Division 1.6

Organic peroxides, unclassified detonable

Oxidizers, Class 4

Unstable (reactive) materials, Class 3 detonable, and Class 4

**High-hazard Group H-2.** Buildings and structures containing materials that pose a *deflagration* hazard or a hazard from accelerated burning shall be classified as Group H-2. Such materials shall include, but not be limited to, the following:

Class I, II or IIIA flammable or *combustible liquids* which are used or stored in normally open containers or systems, or in closed containers or systems pressurized at more than 15 pounds per square inch (103.4 kPa) gauge

*Combustible dusts*

*Cryogenic fluids*, flammable

Flammable gases

Organic peroxides, Class I

Oxidizers, Class 3, that are used or stored in normally open containers or systems, or in closed containers or systems pressurized at more than 15 pounds per square inch (103.4 kPa) gauge

Pyrophoric liquids, solids and gases, nondetonable

Unstable (reactive) materials, Class 3, nondetonable

Water-reactive materials, Class 3

**High-hazard Group H-3.** Buildings and structures containing materials that readily support combustion or that

pose a *physical hazard* shall be classified as Group H-3. Such materials shall include, but not be limited to, the following:

- Class I, II or IIIA flammable or *combustible liquids* that are used or stored in normally closed containers or systems pressurized at 15 pounds per square inch gauge (103.4 kPa) or less
- Combustible fibers*, other than densely packed baled cotton
- Consumer fireworks, 1.4G (Class C, Common)
- Cryogenic fluids*, oxidizing
- Flammable solids
- Organic peroxides, Class II and III
- Oxidizers, Class 2
- Oxidizers, Class 3, that are used or stored in normally closed containers or systems pressurized at 15 pounds per square inch gauge (103 kPa) or less
- Oxidizing gases
- Unstable (reactive) materials, Class 2
- Water-reactive materials, Class 2

**High-hazard Group H-4.** Buildings and structures which contain materials that are *health hazards* shall be classified as Group H-4. Such materials shall include, but not be limited to, the following:

- Corrosives*
- Highly toxic materials
- Toxic materials

**High-hazard Group H-5.** Semiconductor fabrication facilities and comparable research and development areas in which hazardous production materials (HPM) are used and the aggregate quantity of materials is in excess of those listed in Tables 2703.1.1(1) and 2703.1.1(2) shall be classified as Group H-5. Such facilities and areas shall be designed and constructed in accordance with Section 415.8 of the *International Building Code*.

**[B] Institutional Group I.** Institutional Group I occupancy includes, among others, the use of a building or structure, or a portion thereof, in which people are cared for or live in a supervised environment, having physical limitations because of health or age, are harbored for medical treatment or other care or treatment, or in which people are detained for penal or correctional purposes or in which the liberty of the occupants is restricted. Institutional occupancies shall be classified as Group I-1, I-2, I-3 or I-4.

**Group I-1.** This occupancy shall include buildings, structures or parts thereof housing more than 16 *persons*, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment that provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following:

- Alcohol and drug centers
- Assisted living facilities
- Congregate care facilities

- Convalescent facilities
- Group homes
- Half-way houses
- Residential board and care facilities
- Social rehabilitation facilities

A facility such as the above with five or fewer *persons* shall be classified as Group R-3 or shall comply with the *International Residential Code* in accordance with Section 101.2 of the *International Building Code*. A facility such as above, housing at least six and not more than 16 *persons*, shall be classified as Group R-4.

**[B] Group I-2.** This occupancy shall include buildings and structures used for medical, surgical, psychiatric, nursing or custodial care for *persons* who are not capable of self-preservation. This group shall include, but not be limited to, the following:

- Child care facilities
- Detoxification facilities
- Hospitals
- Mental hospitals
- Nursing homes

**Group I-3.** This occupancy shall include buildings and structures which are inhabited by more than five *persons* who are under restraint or security. An I-3 facility is occupied by *persons* who are generally incapable of self-preservation due to security measures not under the occupants' control. This group shall include, but not be limited to, the following:

- Correctional centers
- Detention centers
- Jails
- Prerelease centers
- Prisons
- Reformatories

Buildings of Group I-3 shall be classified as one of the occupancy conditions indicated below:

**Condition 1.** This occupancy condition shall include buildings in which free movement is allowed from sleeping areas and other spaces where access or occupancy is permitted, to the exterior via *means of egress* without restraint. A Condition 1 facility is permitted to be constructed as Group R.

**Condition 2.** This occupancy condition shall include buildings in which free movement is allowed from sleeping areas and any other occupied smoke compartment to one or more other smoke compartments. Egress to the exterior is impeded by locked *exits*.

**Condition 3.** This occupancy condition shall include buildings in which free movement is allowed within individual smoke compartments, such as within a residential unit comprised of individual sleeping units and group activity spaces, where egress is impeded by remote-controlled release of *means of egress* from such smoke compartment to another smoke compartment.

**Condition 4.** This occupancy condition shall include buildings in which free movement is restricted from

an occupied space. Remote-controlled release is provided to permit movement from sleeping units, activity spaces and other occupied areas within the smoke compartment to other smoke compartments.

**Condition 5.** This occupancy condition shall include buildings in which free movement is restricted from an occupied space. Staff-controlled manual release is provided to permit movement from sleeping units, activity spaces and other occupied areas within the smoke compartment to other smoke compartments.

**[B] Group I-4, day care facilities.** This group shall include buildings and structures occupied by *persons* of any age who receive custodial care for less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage, or adoption, and in a place other than the home of the *person* cared for. A facility such as the above with five or fewer *persons* shall be classified as Group R-3 or shall comply with the *International Residential Code* in accordance with Section 101.2 of the *International Building Code*. Places of worship during religious functions are not included.

**Adult care facility.** A facility that provides accommodations for less than 24 hours for more than five unrelated adults and provides supervision and personal care services shall be classified as Group I-4.

**Exception:** Where the occupants are capable of responding to an emergency situation without physical assistance from the staff, the facility shall be classified as Group R-3.

**Child care facility.** Child care facilities that provide supervision and personal care on less than a 24-hour basis for more than five children 2½ years of age or less shall be classified as Group I-4.

**Exception:** A child day care facility that provides care for more than five but no more than 100 children 2½ years or less of age, where the rooms in which the children are cared for are located on a *level of exit discharge* serving such rooms and each of these child care rooms has an *exit* door directly to the exterior, shall be classified as Group E.

**[B] Mercantile Group M.** Mercantile Group M occupancy includes, among others, the use of a building or structure or a portion thereof, for the display and sale of merchandise, and involves stocks of goods, wares or merchandise incidental to such purposes and accessible to the public. Mercantile occupancies shall include, but not be limited to, the following.

- Department stores
- Drug stores
- Markets
- Motor fuel-dispensing facilities
- Retail or wholesale stores
- Sales rooms

**Residential Group R.** Residential Group R includes, among others, the use of a building or structure, or a portion thereof, for sleeping purposes when not classified as an Institutional

Group I or when not regulated by the *International Residential Code* in accordance with Section 101.2 of the *International Building Code*. Residential occupancies shall include the following:

**R-1** Residential occupancies containing sleeping units where the occupants are primarily transient in nature, including:

- Boarding houses* (transient)
- Hotels (transient)
- Motels (transient)

Congregate living facilities (transient) with 10 or fewer occupants are permitted to comply with the construction requirements for Group R-3.

**R-2** Residential occupancies containing *sleeping units* or more than two *dwelling units* where the occupants are primarily permanent in nature, including:

- Apartment houses
- Boarding houses* (nontransient)
- Convents
- Dormitories
- Fraternities and sororities
- Hotels (nontransient)
- Live/work units
- Monasteries
- Motels (nontransient)
- Vacation timeshare properties

Congregate living facilities with 16 or fewer occupants are permitted to comply with the construction requirements for Group R-3.

**R-3** Residential occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

- Buildings that do not contain more than two *dwelling units*.
- Adult care facilities that provide accommodations for five or fewer *persons* of any age for less than 24 hours.
- Child care facilities that provide accommodations for five or fewer *persons* of any age for less than 24 hours.
- Congregate living facilities with 16 or fewer *persons*.

Adult care and child care facilities that are within a single-family home are permitted to comply with the *International Residential Code*.

**R-4** Residential occupancies shall include buildings arranged for occupancy as residential care/assisted living facilities including more than five but not more than 16 occupants, excluding staff.

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3, except as otherwise provided for in this code or shall comply with the *International Residential Code*, provided the building is protected by an *automatic sprinkler system* installed in accordance with Section 903.2.8.

**[B] Storage Group S.** Storage Group S occupancy includes, among others, the use of a building or structure, or

a portion thereof, for storage that is not classified as a hazardous occupancy.

**Moderate-hazard storage, Group S-1.** Buildings occupied for storage uses that are not classified as Group S-2, including, but not limited to, storage of the following:

- Aerosols, Levels 2 and 3
- Aircraft hangar (storage and repair)
- Bags: cloth, burlap and paper
- Bamboos and rattan
- Baskets
- Belting: canvas and leather
- Books and paper in rolls or packs
- Boots and shoes
- Buttons, including cloth covered, pearl or bone
- Cardboard and cardboard boxes
- Clothing, woolen wearing apparel
- Cordage
- Dry boat storage (indoor)
- Furniture
- Furs
- Glues, mucilage, pastes and size
- Grains
- Horns and combs, other than celluloid
- Leather
- Linoleum
- Lumber
- Motor vehicle repair garages complying with the maximum allowable quantities of hazardous materials listed in Table 2703.1.1(1) (see Section 406.6 of the *International Building Code*)
- Photo engravings
- Resilient flooring
- Silks
- Soaps
- Sugar
- Tires, bulk storage of
- Tobacco, cigars, cigarettes and snuff
- Upholstery and mattresses
- Wax candles

**Low-hazard storage, Group S-2.** Includes, among others, buildings used for the storage of noncombustible materials such as products on wood pallets or in paper cartons with or without single thickness divisions; or in paper wrappings. Such products are permitted to have a negligible amount of plastic trim, such as knobs, handles or film wrapping. Storage uses shall include, but not be limited to, storage of the following:

- Asbestos
- Beverages up to and including 16-percent alcohol in metal, glass or ceramic containers
- Cement in bags
- Chalk and crayons
- Dairy products in nonwaxed coated paper containers
- Dry cell batteries
- Electrical coils
- Electrical motors
- Empty cans
- Food products
- Foods in noncombustible containers

- Fresh fruits and vegetables in nonplastic trays or containers
- Frozen foods
- Glass
- Glass bottles, empty or filled with noncombustible liquids
- Gypsum board
- Inert pigments
- Ivory
- Meats
- Metal cabinets
- Metal desks with plastic tops and trim
- Metal parts
- Metals
- Mirrors
- Oil-filled and other types of distribution transformers
- Parking garages, open or enclosed
- Porcelain and pottery
- Stoves
- Talc and soapstones
- Washers and dryers

**[B] Miscellaneous Group U.** Buildings and structures of an accessory character and miscellaneous structures not classified in any specific occupancy shall be constructed, equipped and maintained to conform to the requirements of this code commensurate with the fire and life hazard incidental to their occupancy. Group U shall include, but not be limited to, the following:

- Agricultural buildings
- Aircraft hangar, accessory to a one- or two-family residence (see Section 412.3 of the *International Building Code*)
- Barns
- Carports
- Fences more than 6 feet (1829 mm) high
- Grain silos, accessory to a residential occupancy
- Greenhouses
- Livestock shelters
- Private garages
- Retaining walls
- Sheds
- Stables
- Tanks
- Towers

**[B] OCCUPANT LOAD.** See Section 1002.1.

**OPEN BURNING.** See Section 302.1.

**[B] OPEN MALL.** See "Covered mall building."

**[B] OPEN MALL BUILDING.** See "Covered mall building."

**[B] OPEN PARKING GARAGE.** A structure or portion of a structure with the openings as described in Section 406.3.3.1 of the *International Building Code* on two or more sides that is used for the parking or storage of private motor vehicles as described in Section 406.3.4 of the *International Building Code*.

**OPEN SYSTEM.** The use of a solid or liquid hazardous material involving a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during

Agenda Section	Reading of Ordinance(s)
Section Number	VI.B
Subject	Second Reading to consider, discuss, and act upon Ordinance # O-2016-0823-001 deleting Section 71-277, entitled "State Highway 78 (SH 78)," in its entirety and adopting a new Section 71-277, also entitled "State Highway 78 (SH 78)" to adopt new speed limits within certain areas of State Highway 78 zones based on a speed zone study conducted by, and as directed by, the Texas Department of Transportation
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	Ordinance # O-2016-0823-001
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

**CITY OF FARMERSVILLE, TEXAS  
ORDINANCE # O-2016-0823-001**

**AN ORDINANCE OF THE CITY OF FARMERSVILLE, TEXAS, ALTERING THE PRIMA FACIE SPEED LIMIT ESTABLISHED FOR VEHICLES UNDER THE PROVISIONS OF TRANSPORTATION CODE, SECTION 545.356 UPON STATE HIGHWAY NO. 78 OR PARTS THEREOF, WITHIN THE INCORPORATED LIMITS OF THE CITY OF FARMERSVILLE, AS SET OUT IN THIS ORDINANCE BY AMENDING CHAPTER 71, "TRAFFIC AND VEHICLES," OF THE CODE OF ORDINANCES, CITY OF FARMERSVILLE, TEXAS BY DELETING SECTION 71-277, ENTITLED "STATE HIGHWAY 78 (SH 78)," IN ITS ENTIRETY AND ADOPTING A NEW SECTION 71-277, ALSO ENTITLED "STATE HIGHWAY 78 (SH 78)"; REPEALING ORDINANCES IN CONFLICT HERewith; PROVIDING FOR SEVERABILITY; PROVIDING FOR GOVERNMENTAL IMMUNITY; PROVIDING FOR INJUNCTIONS; PROVIDING A PENALTY OR FINE NOT TO EXCEED THE SUM OF TWO HUNDRED DOLLARS (\$200.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, Section 545.356 of the Texas Transportation Code, provides that whenever the governing body of the City shall determine upon the basis of an engineering and traffic investigation that any prima facie speed therein set forth is greater or less than is reasonable or safe under the conditions found to exist at any intersection or other place or upon any part of a street or highway within the City, taking into consideration the width and condition of the pavement and other circumstances on such portion of said street or highway, as well as the usual traffic thereon, said governing body may determine and declare a reasonable and safe prima facie speed limit thereat or thereon by the passage of an ordinance, which shall be effective when appropriate signs giving notice thereof are erected at such intersection or other place or part of the street or highway; and

**WHEREAS**, the Texas Department of Transportation ("TxDOT") has caused an engineering and traffic investigation (the "TxDOT Study") to be performed of State Highway 78 (SH 78) and has provided information to the City of Farmersville regarding the maximum prima facie speed limit for such roadway section; and

**WHEREAS**, Upon the basis of an engineering and traffic investigation heretofore made as authorized by the provisions of Section 545.356, Texas Transportation Code, the City Council desires to modify and amend those previously adopted regulations appertaining to State Highway 78 (SH 78), as herein provided below, to better protect the health, safety and welfare of the residents of the City of Farmersville and the motoring public; and

**WHEREAS**, the City Council of the City of Farmersville, Texas finds that all prerequisites to the adoption of this Ordinance have been met; and

**WHEREAS**, the City Council of the City of Farmersville, Texas finds that it is in the best interest of the public health, safety and welfare to modify and amend the previously

adopted regulations relating to the maximum prima facie speed limit on State Highway 78 (SH 78) within the City of Farmersville;

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FARMERSVILLE, TEXAS, THAT:**

**SECTION 1. Findings Incorporated**

All of the above premises are hereby found to be true and correct legislative and factual determinations of the City of Farmersville and they are hereby approved and incorporated into the body of this Ordinance as if copied in their entirety.

**SECTION 2. Amendment of Chapter 71, "Traffic and Vehicles," by deleting Section 71.277, entitled "State Highway 78 (SH 78)," in its entirety and adopting a new Section 71-277, also entitled "State Highway 78 (SH 78)" to read as follows:**

From and after the effective date of this Ordinance, Chapter 71, Section 71.277, of the Code of Ordinances, City of Farmersville, Texas, entitled "State Highway 78 (SH 78)," is hereby deleted in its entirety and a new Section 71-277, also entitled "State Highway 78 (SH 78)" is hereby adopted to read as follows:

**"Sec. 71-277. - State Highway 78 (SH 78).**

No motor vehicle shall be operated along and upon State Highway 78 in either a northbound or southbound direction within the corporate city limits in excess of the speeds set forth in the following limits:

- (1) Beginning at the north city limit line and continuing along SH 78 in a southerly direction to said point (MP15.439), being approximately 0.047 miles north of the northern connection between SH 78 and Highway 78 E., a maximum speed of 65 miles per hour on SH 78 northbound and southbound.
- (2) Then from said point (MP15.439) continuing along SH 78 in a southerly direction for a distance of 0.684 miles, approximately, to said point (MP16.123) a maximum speed of 55 miles per hour on SH 78 northbound and southbound.
- (3) Then from said point (MP16.123) continuing along SH 78 in a southerly direction for a distance of 0.801 miles, approximately, to said point (MP16.924), being approximately 0.045 miles south of the southern connection between SH 78 and Highway 78 E., a maximum speed of 50 miles per hour on SH 78 northbound and southbound and including a school speed limit



of 35 miles per hour from said point (MP16.190), being approximately 200 feet north of West Sycamore Street, to said point (MP16.660), being approximately 200 feet south of Pendleton, on SH 78 northbound and southbound.

- (4) Then continuing along SH 78 in a southerly direction for a distance of 0.500 mile, approximately, a maximum speed of 50 miles per hour on SH 78 northbound and southbound.
- (5) Then continuing along SH 78 in a southerly direction to the southern city limits line a maximum speed of 55 miles per hour."

### **SECTION 3. Speed limit signs to be posted.**

The City Manager is hereby directed to cause to be erected, appropriate signs indicating such speed zones.

### **SECTION 4. Cumulative Repealer**

This Ordinance shall be cumulative of all other Ordinances and shall not repeal any of the provisions of such Ordinances except for those instances where there are direct conflicts with the provisions of this Ordinance. Ordinances or parts thereof in force at the time this Ordinance shall take effect and that are inconsistent with this Ordinance are hereby repealed to the extent that they are inconsistent with this Ordinance. Provided however, that any complaint, action, claim or lawsuit which has been initiated shall continue to be governed by the provisions of such Ordinance and for that purpose the Ordinance shall remain in full force and effect.

### **SECTION 5. Savings**

All rights and remedies of the City of Farmersville are expressly saved as to any and all violations of the provisions of any Ordinances which have accrued at the time of the effective date of this Ordinance; and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such Ordinances, same shall not be affected by this Ordinance but may be prosecuted until final disposition by the courts.

### **SECTION 6. Severability**

It is hereby declared to be the intention of the City Council of the City of Farmersville that the phrases, clauses, sentences, paragraphs, and sections of this Ordinance are severable, and if any phrase, clause, sentence, paragraph, or section of this Ordinance should be declared unconstitutional by valid judgment or final decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, or sections of this Ordinance, since the same

would have been enacted by the City Council without incorporation in this Ordinance of any such unconstitutional phrase, clause, sentence, paragraph, or section.

#### **SECTION 7. Governmental Immunity**

All of the regulations provided in this ordinance are hereby declared to be governmental and for the health, safety and welfare of the general public. Any member of the City Council or any City official or employee charged with the enforcement of this ordinance, acting for the City of Farmersville in the discharge of his/her duties, shall not thereby render himself/herself personally liable; and he/she is hereby relieved from all personal liability for any damage that might accrue to persons or property as a result of any act required or permitted in the discharge of his/her said duties.

#### **SECTION 8. Injunctions**

Any violation of this ordinance can be enjoined by a suit filed in the name of the City of Farmersville in a court of competent jurisdiction, and this remedy shall be in addition to any penal provision in this ordinance or in the Code of the City of Farmersville.

#### **SECTION 9. Engrossment and Enrollment**

The City Secretary of the City of Farmersville is hereby directed to engross and enroll this Ordinance by copying the exact Caption and the Effective Date clause in the minutes of the City Council of the City of Farmersville and by filing this Ordinance in the Ordinance records of the City.

#### **SECTION 10. Penalty**

Any person, firm or corporation violating any of the provisions or terms of this Ordinance or of the Code of Ordinances as amended hereby, shall be subject to the same penalty as provided for in the Code of Ordinances of the City of Farmersville, as previously amended, and upon conviction shall be punished by a fine not to exceed the sum of Two Hundred Dollars (\$200.00) for each offense.

#### **SECTION 11. Effective Date**

This Ordinance shall take effect immediately from and after its passage and publication of the caption as required by law and the posting of appropriate signs giving notice of such speed zones.

**PASSED** on first reading on the 9<sup>th</sup> day of August, 2016, and second reading on the 23<sup>rd</sup> day of August, 2016 at properly scheduled meetings of the City Council of the City of Farmersville, Texas, there being a quorum present, and approved by the Mayor on the date set out below.

**APPROVED THIS 23<sup>rd</sup> DAY OF AUGUST, 2016.**

**APPROVED:**

BY: \_\_\_\_\_  
Diane C. Piwko, Mayor

**ATTEST:**

\_\_\_\_\_  
Mary Tate, City Secretary

I, Mary Tate, City Secretary of the City of Farmersville, Texas, hereby certify that the above and foregoing is a true and correct copy of Ordinance # O-2016-0823-001, adopted by the City Council of the City of Farmersville, Texas, August 23<sup>rd</sup>, 2016.

To certify which, witness my hand and seal of office this \_\_\_\_ day of August, 2016.

\_\_\_\_\_  
Mary Tate, City Secretary  
City of Farmersville, Texas

SH 78

DEVELOPMENT  
RES. SIGHT DISTANCE  
BALL BANK OR ADVISORY SPEED  
CURVES OVER 2°  
GRADES OVER 3%  
SURFACE WIDTH AND TYPE  
R.O.W. AND RDBD. WIDTH  
ACCIDENTS  
ZONE LENGTHS (MILES)  
ZONE SPEEDS (M.P.H.)

RESIDENTIAL  
1 LANE, 1 SHOULDER

65 MPH

0.684  
55 MPH



TOWARD  
FARMERSVILLE

C.L. BEARINGS

TOWARD  
LAVON

CO RD 613

015.486

BS00786

015.840

CO RD 811

MATCH LINE MP 15.931

ZONE SPEEDS (M.P.H.)  
ZONE LENGTHS (MILES)

65 MPH

55 MPH  
0.684

ACCIDENTS  
R.O.W. AND RDBD. WIDTH  
SURFACE WIDTH AND TYPE  
GRADES OVER 3%  
CURVES OVER 2°  
BALL BANK OR ADVISORY SPEED  
RES. SIGHT DISTANCE  
DEVELOPMENT  
DISTRICT: DALLAS  
COUNTY: COLLIN  
CITY: FARMERSVILLE  
HIGHWAY: SH 78  
DATE OF STUDY 7-5-16  
SCALE 1" = 0.1 MILES

MINUTE NO. :  
REPLACES :  
REPLACED BY :  
CANCELLED BY :  
DATE :  
DATE :  
DATE :

LIMITS OF ZONE

SECTION ONE			SECTION TWO		
STA. OR M.P.	CONT. AND SECT.	PROJECT	STA. OR M.P.	CONT. AND SECT.	PROJECT
BEGINS MP 0 + 00	-	( )	BEGINS MP 0 + 00	-	( )
ENDS MP 0 + 00	-	( )	ENDS MP 0 + 00	-	( )

42 85 PERCENTILE SPEED  
62 TOP SPEED MEASURED  
125 NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

INDICATES SECTION ZONED  
BY COMMISSION MINUTE

SIGNALIZED INTERSECTION



TRIAL RUN

SPEED ZONE  
CONT. 0280 SEC. 02

Texas Department of Transportation

SPEED STUDY  
COLLIN COUNTY  
SH 78

SECTION TEAM		FED. NO. FEDERAL AID PROJECT NO.		SHEET NO.	
STATE	SITE	STATE	COUNTY		
SECTION	NO.	SECTION	NO.		
CHECKED	NO.	CHECKED	NO.		

SH 78

DEVELOPMENT  
RES. SIGHT DISTANCE  
BALL BANK OR ADVISORY SPEED  
CURVES OVER 2°  
GRADES OVER 3%  
SURFACE WIDTH AND TYPE  
R.O.W. AND ROBD. WIDTH  
ACCIDENTS  
ZONE LENGTHS (MILES)  
ZONE SPEEDS (M.P.H.)

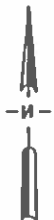
0.684  
55 MPH

RESIDENTIAL  
1 LANE, 1 SHOULDER

0.801  
50 MPH

C-S 0280-02  
MP 16.924

C-S 0251-01  
MP 16.395



TOWARD  
FARMERSVILLE

C.L. BEARINGS

TOWARD  
LAVON

MP 15.951

MP 16.123

MP 16.123

016 190  
016 215

016 297  
SYCAMORE S  
016 344

GADDY ST  
016 455

016 544  
PENDLETON  
016 604

016 642

YUCCA LN  
016 687  
016 693

016 750  
016 753  
016 754

016 777  
016 781

PT 016 833

016 864  
016 879

016 924

MP 16.395

FARMERSVILLE HIGH SCHOOL

48  
59  
125

016 750  
016 753  
016 754  
016 777  
016 781  
016 833  
016 864  
016 879  
016 924  
MP 16.395

ZONE SPEEDS (M.P.H.)  
ZONE LENGTHS (MILES)  
ACCIDENTS  
R.O.W. AND ROBD. WIDTH  
SURFACE WIDTH AND TYPE  
GRADES OVER 3%  
CURVES OVER 2°  
BALL BANK OR ADVISORY SPEED  
RES. SIGHT DISTANCE

55 MPH  
0.684

50 MPH  
0.801

1 LANE, 1 SHOULDER

DISTRICT: DALLAS  
HIGHWAY: SH 78  
DATE OF STUDY 7-5-16

COUNTY: COLLIN  
CITY: FARMERSVILLE  
SCALE 1" = 0.1 MILES

HIGH SCHOOL

LIMITS OF ZONE

SECTION ONE	LENGTH	MILES	SECTION TWO	LENGTH	MILES
BEGINS STA. OR M.P. 0 + 00	CONT. AND SECT. PROJECT	PROJECT	BEGINS STA. OR M.P. 0 + 00	CONT. AND SECT. PROJECT	PROJECT
ENDS STA. OR M.P. 0 + 00	CONT. AND SECT. PROJECT	PROJECT	ENDS STA. OR M.P. 0 + 00	CONT. AND SECT. PROJECT	PROJECT

42  
52  
125  
85 PERCENTILE SPEED  
TOP SPEED MEASURED  
NUMBER OF CARS CHECKED

SPEED ZONE

CONT. 0280 SEC. 02

TEXAS  
Department of Transportation

SPEED STUDY  
COLLIN COUNTY  
SH 78

DESIGN TEAM	DATE	PROJECT NO.	SHEET NO.
STATE	COUNTY	SECTION	JOB
NO.	NO.	NO.	NO.
CHECKED	NO.	NO.	NO.

## VII. Regular Agenda

Agenda Section	Regular Agenda
Section Number	VII.A
Subject	Consider, discuss, and act upon Resolution # R-2016-0823-001 requesting that TxDOT re-conduct speed zone study during the academic year and further reduce the speed limit on Hwy 78
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	# R-2016-0823-001
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>



**CITY OF FARMERSVILLE  
RESOLUTION # R 2016-0823-001**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FARMERSVILLE, TEXAS REQUESTING THAT THE TEXAS TRANSPORTATION COMMISSION RECONSIDER AND REDUCE THE SPEED LIMITS ON STATE HIGHWAY 78 RUNNING THROUGH THE CITY LIMITS OF THE CITY OF FARMERSVILLE AND RE-CONDUCT OR RE-PERFORM A SPEED ZONE STUDY TOGETHER WITH ANY OTHER NECESSARY STUDIES DURING THE ACADEMIC SCHOOL YEAR INSTEAD OF THE TUESDAY IMMEDIATELY FOLLOWING THE FOURTH OF JULY BECAUSE THE LOCAL HIGH SCHOOL IS SITUATED ON STATE HIGHWAY 78 AND CAUSES A DRAMATIC INCREASE IN TRAFFIC PATTERNS DURING THE SCHOOL YEAR**

**WHEREAS**, the City Council of the City of Farmersville, Texas ("City Council") was requested to change the prima facie speed limit upon State Highway 78 within the limits of the City of Farmersville, Texas as the result of a one-day bare bones speed study that was conducted by the Texas Department of Transportation ("SH 78 Speed Study"); and

**WHEREAS**, the City Council was directed that the change in the prima facie speed limit requested by the State is required by state law because of the SH 78 Speed Study; and

**WHEREAS**, the City Council members' personal knowledge and experience traveling along and across State Highway 78, a two lane undivided roadway, indicates that the results of the SH 78 Speed Study do not accurately reflect the actual usage and travel conditions that typically exist on State Highway 78 during the bulk of each year; and

**WHEREAS**, the SH 78 Speed Study was conducted by the Texas Department of Transportation on or about July 5, 2016, and only counted 125 cars driving along State Highway 78 during the time period of the SH 78 Speed Study; and

**WHEREAS**, the City Council is concerned that the SH 78 Speed Study is flawed and reliance thereon could place the health, safety and welfare of the public at risk because:

- (1) the SH 78 Speed Study was conducted on the day following a national holiday at a time when many people are out of town on vacation and are not engaging in their usual activities; and
- (2) the SH 78 Speed Study was conducted on a day when Farmersville High School was not in session and the Farmersville High School Campus (defined below) was not in use; and

**WHEREAS**, the Farmersville High School campus and athletic facilities including a newly renovated football stadium ("Farmersville High School Campus") are situated

along the west side of State Highway 78 and while the location of Farmersville High School is generally noted on the SH 78 Speed Study, the SH 78 Speed Study does not appear to identify the points of ingress and egress to the Farmersville High School Campus, does not identify the location of the school speed zone along SH 78 in and about the area of the Farmersville High School Campus, and is entirely silent regarding the location and access points of the newly renovated Farmersville High School football stadium; and

**WHEREAS**, the use of the Farmersville High School Campus during the school year, and the use of the football stadium on Friday nights during football season, dramatically increases the amount of traffic on State Highway 78 and alters the traffic patterns along and about State Highway 78 as students and their family and friends travel to and from the Farmersville High School Campus and between the Farmersville High School Campus and neighboring businesses and their residences; and

**WHEREAS**, the nature and character of drivers as well as traffic volume, flow and patterns change and are dramatically impacted and altered when Farmersville High School is in session and/or football games and other special events and activities are being held at, on and about the Farmersville High School Campus; and

**WHEREAS**, the City Council of the City of Farmersville, Texas believes reliance on the SH 78 Speed Study does not accurately reflect the actual usage and traffic patterns along and about State Highway 78 and may not achieve the intended result of improving the health, safety and welfare of the public traveling along and about State Highway 78 and the residents of the City of Farmersville, Texas;

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED BY THE CITY COUNCIL OF THE CITY OF FARMERSVILLE, TEXAS THAT:**

**Section 1: FINDINGS INCORPORATED**

All of the above premises are found to be true and correct factual and legislative determinations of the City of Farmersville and are hereby approved and incorporated into the body of this Resolution as if copied in their entirety.

**Section 2: REQUEST TO RE-CONDUCT SPEED STUDY OF STATE HIGHWAY 78**

The City Council of the City of Farmersville, Texas hereby respectfully requests that the SH 78 Speed Study be re-conducted or re-performed during a time period when the impacts generated by the Farmersville High School Campus can be addressed and accounted for in the Speed Study and accommodated in the prima facie speed and the locations at which such speeds may increase and/or decrease along State Highway 78.

**Section 3: EFFECTIVE DATE**

This Resolution shall take effect immediately upon its passage.

**DULY PASSED, AND APPROVED** this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

**City of Farmersville:**

\_\_\_\_\_  
Diane C. Piwko, Mayor

**Attest:**

\_\_\_\_\_  
Mary Tate, City Secretary

Agenda Section	Regular Agenda
Section Number	VII.B
Subject	Consider, discuss, and act upon signage in school zones
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	NA
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

Agenda Section	Regular Agenda
Section Number	VII.C
Subject	Consider, discuss, and act upon a briefing related to City Hall and Public Safety Building renovations and modifications
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	City Hall Renovation Project Estimate Sheet
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

## City Hall Renovation Project

Contractor	Estimate (USD)
Guillermo Alvarez (Verbal)	180,000
Select Builders, Barry Warner	321,840
Servpro Northeast, Keith Atkins	127,305

### Description of Extras

#### *Council Chambers*

No extras

#### *Hallway/Storage*

Remove and replace ceiling  
 Flooring upgrade from glue carpet down to ceramic tile  
 Tape joints in drywall in storage areas  
 Solid core doors with applied molding and upgraded door hardware  
 Seal gaps in holes in mechanical room  
 Remove ledge in mechanical room closet

#### *Restrooms*

Solid core doors with applied molding and upgraded door hardware  
 Flooring upgrade from laminate to ceramic tile  
 Upgraded venting  
 Upgraded lighting  
 Upgraded toilet paper and paper towel dispenser

#### *City Manager's Office*

Flooring upgrade from glue carpet down to ceramic tile  
 Solid core doors with applied molding and upgraded door hardware  
 Window sills upgraded to granite  
 Remove popcorn and retexture ceiling  
 Upgrade 3/8" sheetrock to 1/2" sheetrock  
 Replace upper bookcase  
 Granite desk surface

#### *Offices (Paula and Christi)*

Flooring upgrade from glue carpet down to ceramic tile  
 Solid core doors with applied molding and upgraded door hardware  
 Window sills upgraded to granite  
 Remove popcorn and retexture ceiling

#### *Foyer/Customer Service Area*

Flooring upgrade from glue carpet down to ceramic tile  
 Window sills upgraded to granite  
 Reconfigure customer service counter  
 Granite counter tops

Servpro Northeast, Insurance Compatible Estimate	77,868
Commercial Damage Restoration	10,719
Asbestos Remediation, HP EnviroVision	3,769
Asbestos Remediation Monitoring, AISM	1,902
Difference Between Insurance Estimate and Extras Estimate	49,437
Insurance Deductible	25,000
Amount to Upgrade Wiring for IT Related Hardware	10,538
Total Amount to Renovate City with All Extras	84,975
Total Amount to Renovate City Hall No Extras	25,000

Agenda Section	Regular Agenda
Section Number	VII.D
Subject	Consider, discuss, and act upon authorizing the City Manager to negotiate a contract for solid waste disposal services and/or recycling collection and disposal services with the highest ranking proposer(s) from the proposers who submitted responses to the City's Request for Qualifications and Proposals for City-wide Solid Waste Collection and Recycling Services
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	Proposal Cost of Services: Solid Waste, Recycle, Combined
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

Description of Service	Farmersville	CWD		Republic		Sanitary Solutions		Progressive	
	Base (Units)	Rate (USD/Mo.)	Total Contract	Rate (USD/Mo.)	Total Contract	Rate (USD/Mo.)	Total Contract	Rate (USD/Mo.)	Total Contract
Competitive Solid Waste Base Bid Calculations									
1. Base Bid Solid Waste Collection Service									
1A. Residential Automated Collection, 1X Week									
First Polycart Collection, Bi-Weekly Brush	1,077	13.18	14,194.86	10.69	11,513.13	9.00	9,693.00	10.50	11,308.50
Additional Polycart Collection, Bi-Weekly Brush	0	9.23	0.00	8.50	0.00	5.00	0.00	5.00	0.00
1B. Commercial Hand Collection									
Automated									
First Polycart Collection	145	No Bid	0.00	25.67	3,722.15	22.05	3,197.25	27.50	3,987.50
Additional Polycart Collection	0	No Bid	0.00	17.40	0.00	15.00	0.00	13.75	0.00
Manual									
First Polycart Collection	145	21.00	3,045.00	25.67	0.00	22.05	0.00	27.50	3,987.50
Additional Polycart Collection	0	12.60	0.00	17.40	0.00	15.00	0.00	13.75	0.00
3. Base Bid Solid Waste Comm. Container Collect									
3A. Front-Load Container Rates									
2 Cubic Yard, 1X Week	12	60.93	731.16	65.70	788.40	53.62	643.44	72.14	865.68
2 Cubic Yard, 2X Week	1	102.60	102.60	110.05	110.05	89.82	89.82	120.85	120.85
2 Cubic Yard, Extra	0	68.00	0.00	29.10	0.00	No Bid	0.00	No Bid	0.00
3 Cubic Yard, 1X Week	12	69.14	829.68	74.56	894.72	60.85	730.20	81.88	982.56
3 Cubic Yard, 2X Week	0	126.73	0.00	136.66	0.00	11.54	0.00	150.09	0.00
3 Cubic Yard, Extra	0	70.00	0.00	34.92	0.00	No Bid	0.00	No Bid	0.00
4 Cubic Yard, 1X Week	18	79.08	1,423.44	85.27	1,534.86	69.60	1,252.80	93.65	1,685.70
4 Cubic Yard, 2X Week	1	153.07	153.07	165.05	165.05	134.71	134.71	181.26	181.26
4 Cubic Yard, Extra	0	72.00	0.00	40.47	0.00	No Bid	0.00	No Bid	0.00
6 Cubic Yard, 1X Week	6	123.31	739.86	132.97	797.82	108.53	651.18	146.03	876.18
6 Cubic Yard, 2X Week	4	223.94	895.76	241.47	965.88	197.08	788.32	265.19	1,060.76
6 Cubic Yard, Extra	0	76.00	0.00	46.56	0.00	No Bid	0.00	No Bid	0.00
8 Cubic Yard, 1X Week	14	144.88	2,028.32	156.23	2,187.22	127.52	1,785.28	171.58	2,402.12
8 Cubic Yard, 2X Week	15	255.11	3,826.65	275.09	4,126.35	224.53	3,367.95	302.13	4,531.95
8 Cubic Yard, Extra	0	78.00	0.00	52.38	0.00	No Bid	0.00	No Bid	0.00
3B. Maximum Commercial Roll-Off <sup>1</sup>									
20 Yard, Open	0	No Bid	0.00	No Bid	0.00	360.00	0.00	360.00	0.00
25 Yard, Open	0	No Bid	0.00	No Bid	0.00	No Bid	0.00	360.00	0.00
30 Yard, Open	2	No Bid	0.00	No Bid	0.00	415.00	830.00	400.00	800.00
35 Yard, Open	0	No Bid	0.00	No Bid	0.00	No Bid	0.00	450.00	0.00
40 Yard, Open	0	No Bid	0.00	No Bid	0.00	460.00	0.00	450.00	0.00
28 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	465.00	0.00	No Bid	0.00
30 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	465.00	0.00	450.00	0.00
35 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	490.00	0.00	450.00	0.00
40 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	520.00	0.00	450.00	0.00
42 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	520.00	0.00	450.00	0.00
Solid Waste Monthly Proposed Cost			27,970.40		26,805.63		23,163.95		32,790.56
Special Considerations <sup>2</sup>									
Cost Per Caster Per Month		8.50		4.92		5.00		8.00	
Cost Per Lock Per Month		8.50		8.74		5.00		7.50	
Fuel Surcharge									
Special Haul Fee, 1 Cubic Yard		68.00		50.00		18.00		15.00	
Special Haul Fee, 2 Cubic Yard		68.00		100.00		30.00		25.00	
Special Haul Fee, 3 Cubic Yard		68.00		150.00		40.00		35.00	
Special Haul Fee, 4 Cubic Yard		68.00		200.00		53.00		45.00	
Special Haul Fee, 5 Cubic Yard		79.00		250.00		64.00		55.00	
Special Haul Fee, 6 Cubic Yard		91.00		300.00		76.00		65.00	
Special Haul Fee, 7 Cubic Yard		103.00		No Bid		87.00		75.00	
Special Haul Fee, 8 Cubic Yard		115.00		No Bid		99.00		85.00	
Special Haul Fee, 9 Cubic Yard		127.00		No Bid		111.00		95.00	
Special Haul Fee, 10 Cubic Yard		140.00		No Bid		123.00		105.00	
City Requested Container, Polycart		25		25		25		25	
City Requested Container, 2 Cubic Yard		3		3		3		3	
City Requested Container, 4 Cubic Yard		0		0		0		0	
City Requested Container, 6 Cubic Yard		1		1		1		1	
City Requested Container, 8 Cubic Yard		0		0		0		0	
City Requested Container, 20 Cubic Yard, Open		0		0		0		0	
City Requested Container, 25 Cubic Yard, Open		0		0		0		0	
City Requested Container, 30 Cubic Yard, Open		3		3		3		3	
City Requested Container, 35 Cubic Yard, Open		0		0		0		0	
City Requested Container, 40 Cubic Yard, Open		0		0		0		0	
Separate Exception Section		No		No		No		No	
Optional Programs									
Customer Drop-Off, Solid Waste		Dallas, TX		Campbell		No Bid		Rowlett	
Green Waste Program		No Bid		No Bid		No Bid		No Bid	
Promotional Activities		Yes		Yes		Yes		Yes	
Regular Service for City Owned/Operated Facilities		Yes		Yes		Yes		Yes	
Christmas Tree Recycling/Mulching Program		Yes		Yes		Yes		Yes	
Community Relations		Yes		Yes		Yes		Yes	
Storm Debris Management Program		Yes		Negotiable		Negotiable		Yes	

**Notes:**

- Bids not shown for 3X, 4X, 5X, 6X since all bidders "no bid"
- Per month charges calculated using 30.44 days per month
- Commercial Roll-Off Rate calculated using Haul Per Load Rate and other rates assuming 1 haul in 1 month and 1 ton of refuse. Initial delivery charges and
- CWD prices reflect 5% discount as noted in proposal.



Description of Service	Farmersville	CWD		Republic		Sanitary Solutions		Progressive	
	Base (Units)	Rate (USD/Mo.)	Total Contract	Rate (USD/Mo.)	Total Contract	Rate (USD/Mo.)	Total Contract	Rate (USD/Mo.)	Total Contract
Competitive Recycle Base Bid Calculations									
2 Alternate Bid Recycle Collection Service									
2A Residential Automated Collection									
Polycart Weekly Collection	1,077	6.07	6,537.39	No Bid	0.00	3.70	3,984.90	No Bid	0.00
Polycart Biweekly Collection	1,077	3.53	3,801.81	No Bid	0.00	3.70	3,984.90	No Bid	0.00
2B Commercial Automated Recycle Collection									
Polycart Automated Collection Cost Weekly	5	9.67	48.35	No Bid	0.00	3.70	18.50	No Bid	0.00
Polycart Automated Collection Cost Biweekly	5	5.62	28.10	No Bid	0.00	3.70	18.50	No Bid	0.00
Polycart Manual Collection Cost Weekly	0	No Bid	0.00	No Bid	0.00	3.70	0.00	No Bid	0.00
Polycart Manual Collection Cost Biweekly	0	No Bid	0.00	No Bid	0.00	3.70	0.00	No Bid	0.00
2C Residential Household Hazardous Waste Collection									
Monthly Cost	1,077	0.46	495.42	No Bid	0.00	2.05	2,207.85	No Bid	0.00
Recycle Monthly Proposed Cost, Weekly			7,081.16	No Bid			6,211.25		0.00
Recycle Monthly Proposed Cost, Biweekly			4,325.33	No Bid			6,211.25		0.00
Optional Programs									
Customer Drop-Off, Recycle		Dallas		No Bid		No Bid		No Bid	
Green Waste Program		Yes		No Bid		No Bid		No Bid	
Promotional Activities		Yes		No Bid		Yes		No Bid	
Regular Service for City Owned/Operated Facilities		Yes		No Bid		Yes		No Bid	
Christmas Tree Recycling/Mulching Program		Yes		No Bid		Yes		No Bid	
Community Relations		Yes		No Bid		Yes		No Bid	

Description of Service	Farmersville	CWD <sup>1</sup>		Republic		Sanitary Solutions		Progressive	
	Base (Units)	Rate (USD/Mo)	Total Contract	Rate (USD/Mo)	Total Contract	Rate (USD/Mo)	Total Contract	Rate (USD/Mo)	Total Contract
Competitive Solid Waste Base Bid Calculations									
1 Base Bid Solid Waste Collection Service									
1A Residential Automated Collection, 1X Week									
First Polycart Collection, Bi-Weekly Brush	1,077	12.52	13,484.04	10.69	11,513.13	9.00	9,693.00	10.50	11,308.50
Additional Polycart Collection, Bi-Weekly Brush	0	8.77	0.00	8.50	0.00	5.00	0.00	5.00	0.00
1B Commercial Hand Collection									
Automated									
First Polycart Collection	145	No Bid	0.00	25.67	3,722.15	22.05	3,197.25	27.50	3,987.50
Additional Polycart Collection	0	No Bid	0.00	17.40	0.00	15.00	0.00	13.75	0.00
Manual									
First Polycart Collection	145	19.95	2,892.75	25.67	0.00	22.05	0.00	27.50	3,987.50
Additional Polycart Collection	0	11.97	0.00	17.40	0.00	15.00	0.00	13.75	0.00
3 Base Bid Solid Waste Comm. Container Collect									
3A Front-Load Container Rates									
2 Cubic Yard, 1X Week	12	57.88	694.56	65.70	788.40	53.62	643.44	72.14	865.68
2 Cubic Yard, 2X Week	1	97.47	97.47	110.05	110.05	89.82	89.82	120.85	120.85
2 Cubic Yard, Extra	0	64.60	0.00	29.10	0.00	No Bid	0.00	No Bid	0.00
3 Cubic Yard, 1X Week	12	65.68	788.16	74.56	894.72	60.85	730.20	81.88	982.56
3 Cubic Yard, 2X Week	0	120.39	0.00	136.66	0.00	11.54	0.00	150.09	0.00
3 Cubic Yard, Extra	0	66.50	0.00	34.92	0.00	No Bid	0.00	No Bid	0.00
4 Cubic Yard, 1X Week	18	75.13	1,352.34	85.27	1,534.86	69.60	1,252.80	93.65	1,685.70
4 Cubic Yard, 2X Week	1	145.42	145.42	165.05	165.05	134.71	134.71	181.26	181.26
4 Cubic Yard, Extra	0	68.40	0.00	40.47	0.00	No Bid	0.00	No Bid	0.00
6 Cubic Yard, 1X Week	6	117.14	702.84	132.97	797.82	108.53	651.18	146.03	876.18
6 Cubic Yard, 2X Week	4	212.74	850.96	241.47	965.88	197.08	788.32	265.19	1,060.76
6 Cubic Yard, Extra	0	72.20	0.00	46.56	0.00	No Bid	0.00	No Bid	0.00
8 Cubic Yard, 1X Week	14	137.64	1,926.96	156.23	2,187.22	127.52	1,785.28	171.58	2,402.12
8 Cubic Yard, 2X Week	15	242.35	3,635.25	275.09	4,126.35	224.53	3,367.95	302.13	4,531.95
8 Cubic Yard, Extra	0	74.10	0.00	52.38	0.00	No Bid	0.00	No Bid	0.00
3B Maximum Commercial Roll-Off									
20 Yard, Open	0	No Bid	0.00	No Bid	0.00	360.00	0.00	360.00	0.00
25 Yard, Open	0	No Bid	0.00	No Bid	0.00	No Bid	0.00	360.00	0.00
30 Yard, Open	2	No Bid	0.00	No Bid	0.00	415.00	830.00	400.00	800.00
35 Yard, Open	0	No Bid	0.00	No Bid	0.00	No Bid	0.00	450.00	0.00
40 Yard, Open	0	No Bid	0.00	No Bid	0.00	460.00	0.00	450.00	0.00
28 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	465.00	0.00	No Bid	0.00
30 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	465.00	0.00	450.00	0.00
35 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	490.00	0.00	450.00	0.00
40 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	520.00	0.00	450.00	0.00
42 Yard, Compactor	0	No Bid	0.00	No Bid	0.00	520.00	0.00	450.00	0.00
Solid Waste Monthly Proposed Cost			26,570.75		24,805.63		21,163.95		32,796.66
Special Considerations									
Cost Per Caster Per Month		8.08		4.92		5.00		8.00	
Cost Per Lock Per Month		8.08		8.74		5.00		7.50	
Special Haul Fee, 1 Cubic Yard		0.00				0.00		0.00	
Special Haul Fee, 2 Cubic Yard		64.60		50.00		18.00		15.00	
Special Haul Fee, 3 Cubic Yard		64.60		100.00		30.00		25.00	
Special Haul Fee, 4 Cubic Yard		64.60		150.00		40.00		35.00	
Special Haul Fee, 5 Cubic Yard		64.60		200.00		53.00		45.00	
Special Haul Fee, 6 Cubic Yard		75.05		250.00		64.00		55.00	
Special Haul Fee, 7 Cubic Yard		86.45		300.00		76.00		65.00	
Special Haul Fee, 8 Cubic Yard		97.85		No Bid		87.00		75.00	
Special Haul Fee, 9 Cubic Yard		109.25		No Bid		99.00		85.00	
Special Haul Fee, 10 Cubic Yard		120.65		No Bid		111.00		95.00	
City Requested Container, Polycart		133.00		No Bid		123.00		105.00	
City Requested Container, 2 Cubic Yard		23.75		25.00		25.00		25.00	
City Requested Container, 4 Cubic Yard		2.85		3.00		3.00		3.00	
City Requested Container, 6 Cubic Yard		0.00		0.00		0.00		0.00	
City Requested Container, 8 Cubic Yard		0.95		1.00		1.00		1.00	
City Requested Container, 20 Cubic Yard, Open		0.00		0.00		0.00		0.00	
City Requested Container, 25 Cubic Yard, Open		0.00		0.00		0.00		0.00	
City Requested Container, 30 Cubic Yard, Open		0.00		0.00		0.00		0.00	
City Requested Container, 35 Cubic Yard, Open		2.85		3.00		3.00		3.00	
City Requested Container, 40 Cubic Yard, Open		0.00		0.00		0.00		0.00	
Separate Exception Section		0.00		0.00		0.00		0.00	
Optional Programs									
Customer Drop-Off, Solid Waste		Dallas, TX		Campbell		No Bid		No Bid	
Customer Drop-Off, Recycle		Dallas		No Bid		No Bid		No Bid	
Green Waste Program		No Bid		No Bid		No Bid		No Bid	
Promotional Activities		Yes		Yes		Yes		Yes	
Regular Service for City Owned/Operated Facilities		Yes		Yes		Yes		Yes	
Christmas Tree Recycling/Mulching Program		Yes		Yes		Yes		Yes	
Community Relations		Yes		Yes		Yes		Yes	
Storm Debris Management Program		Yes		Negotiable		Negotiable		Yes	
Competitive Recycle Base Bid Calculations									
2 Alternate Bid Recycle Collection Service									
2A Residential Automated Collection									
Polycart Weekly Collection	1,077	5.77	6,214.29	No Bid	0	3.70	3,984.90	No Bid	0
Polycart Biweekly Collection	1,077	3.35	3,607.95	No Bid	0	3.70	3,984.90	No Bid	0
2B Commercial Automated Recycle Collection									
Polycart Automated Collection Cost Weekly	5	9.19	45.95	No Bid	0	3.70	18.50	No Bid	0
Polycart Automated Collection Cost Biweekly	5	5.34	26.70	No Bid	0	3.70	18.50	No Bid	0
Polycart Manual Collection Cost Weekly	0	No Bid	0.00	No Bid	0	3.70	0.00	No Bid	0
Polycart Manual Collection Cost Biweekly	0	No Bid	0.00	No Bid	0	3.70	0.00	No Bid	0
2C Residential Household Hazardous Waste Collection									
Monthly Cost	1,077	0.44	473.88	No Bid	0	2	2,208	No Bid	0
Recycle Monthly Proposed Cost, Biweekly			4,106.53		No Bid		6,211.25		No Bid
Combined Proposed Cost									
Combined Proposed Cost, Solid Waste/Recycle			30,677.28		No Bid		29,375.20		No Bid

**Notes:**

- Bids not shown for 3X, 4X, 5X, 6X since all bidders "no bid"
- Per month charges calculated using 30.44 days per month
- Commercial Roll-Off Rate calculated using Haul Per Load Rate and other rates assuming 1 haul in 1 month and 1 ton of refuse. Initial delivery charges and
- CWD prices reflect 5% discount as noted in proposal

Agenda Section	Regular Agenda
Section Number	VII.E
Subject	Consider, discuss, and act upon proceeding forward with Request for Proposals/Qualifications for administrative/application services and for professional engineering services for the 2016 Texas Capital Fund Main Street Program and 2017/2018 Texas Community Development Block Grant (CDBG) Program
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	None
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	<p>City Council discussion as required.</p> <p>2016 Texas Capital Fund Main Street Program match: \$75K (Cash)  2017/2018 Texas Community Development Block Grant (CDBG) Program Match: \$27.5K (In-Kind or Cash)</p>
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

Agenda Section	Regular Agenda
Section Number	VII.F
Subject	Consider, discuss, and act upon setting the date and place for a Farmersville City Council strategic planning session to 9:00 am, Saturday, 8 October 2016 at the Civic Center
To	Mayor and Council Members
From	Ben White, City Manager
Date	August 23, 2016
Attachment(s)	None
Related Link(s)	<a href="http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php">http://www.farmersvilletx.com/government/agendas_and_minutes/city_council_meetings.php</a>
Consideration and Discussion	City Council discussion as required.
Action	<ul style="list-style-type: none"> <li>• Motion/second/vote <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Approve with Updates</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Motion/second/vote to continue to a later date. _____ <ul style="list-style-type: none"> <li><input type="checkbox"/> Approve</li> <li><input type="checkbox"/> Disapprove</li> </ul> </li> <li>• Move item to another agenda. _____</li> <li>• No motion, no action</li> </ul>

## VIII. Budget Workshop

## **IX. Requests to be Placed on Future Agendas**

## X. Adjournment