



City of Colleyville City Council Agenda

City Hall
100 Main Street
Colleyville, Texas 76034
817.503.1000
www.colleyville.com

Wednesday, November 5, 2014

City Council Chambers

**PRE COUNCIL MEETING
EXECUTIVE SESSION
5:30 P.M.
EXECUTIVE CONFERENCE ROOM
THIRD FLOOR**

CALL TO ORDER

PC-1 Presentation and discussion of the TEX Rail project

PC-2 Update of utility rate study for Fiscal Year 2015

PC-3 Discussion of the November 5, 2014, City Council regular agenda items

1. EXECUTIVE SESSION - In accordance with Texas Government Code, Chapter 551, Subchapter D

Section 551.071 - Legal - Consultation with attorney on legal issues raised by public hearing or action items on the agenda

Section 551.071- Legal - Consultation with attorney regarding the tree preservation ordinance and the Overlook subdivision

Section 551.071 - Legal - Consultation with attorney regarding litigation - Billy McCullough v. City of Colleyville

Section 551.071 - Legal - Consultation with attorney regarding litigation - Michael S. Newman v. City of Colleyville and City of Keller

Section 551.072 - Real Estate - Deliberate the purchase, exchange, lease, or value of real property for City facilities

Section 551.087 - Economic Development - Discuss or deliberate regarding commercial or financial information that the City has received from business prospects that the City seeks to have locate, stay, or expand in the City and with which the City is conducting economic development negotiations; deliberate the offer of a financial or other incentive to a business prospect

**RESUME REGULAR MEETING
7:30 P.M.
CITY COUNCIL CHAMBERS**

**INVOCATION: Chris Newland, Counselor in Bishopric, Church of Jesus
Christ of Latter-day Saints - Colleyville**

PLEDGE OF ALLEGIANCE: City Attorney Matthew Boyle

**2. EXECUTIVE SESSION: CONSIDER AND TAKE ANY ACTION(S)
NECESSARY RELATIVE TO ITEMS DISCUSSED IN EXECUTIVE
SESSION - Resolution R-14-3803**

3. ANNOUNCEMENTS, PROCLAMATIONS, AND PRESENTATIONS

Announcements of civic and charitable events

Presentation of calendar events and updates

Announcements of awards and recognition

Proclamation in recognition of American Diabetes Month - Amy
Schornick, Chairman, Community Leadership Board, American
Diabetes Association

Recognition of the Colleyville Garden Club and Military Veterans who
updated the landscaping for the Veterans Memorial at Sparger Park

Recognition of 2014 Wellness Champion Nominees

4. CONSENT: READING AND PUBLIC HEARING - Resolution R-14-3804

4a Approval of the minutes of the regular City Council meeting of
October 21, 2014

5. ORDINANCE(S): SECOND READING AND PUBLIC HEARING

5a Ordinance O-14-1936

Consideration of adoption of the 2012 edition of the *International Building Code*; adoption of the 2014 edition of the *National Electrical Code*; adoption of the 2012 editions of the *International Residential Code* and the *International Energy Conservation Code*; along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-017

5b Ordinance O-14-1937

Consideration of adoption of the 2012 editions of the *International Plumbing Code*, *International Fuel Gas Code*, and *International Mechanical Code*, along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-018

5c Ordinance O-14-1938

Consideration of adoption of the 2012 edition of the *International Fire Code*, along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-019

5d Ordinance O-14-1939

Approval of an ordinance ratifying and affirming the appointment of Sara Jane del Carmen as Regional Municipal Court Judge and appointing Leticia Evans as Associate Judge for the Municipal Court of Record for the City of Colleyville through September 30, 2016

6. CITIZEN COMMENTS/PRESENTATIONS REGARDING ITEMS NOT ON THE AGENDA**7. REPORTS**

Sign Board of Appeals Meeting Minutes - May 14, 2014
Colleyville Library Board Meeting Minutes - August 18, 2014

8. ACTION/RESOLUTION: DISCUSSION AND CONSIDERATION OF A RESOLUTION RATIFYING COUNCIL AGENDA ACTION FOR NOVEMBER 5, 2014 - Reading and Public Hearing - Resolution R-14-3805**9. ADJOURNMENT**

I hereby certify this agenda was posted on City Hall bulletin boards Friday, October 31, 2014, by 5:00 p.m.

Amy Shelley, TRMC
City Secretary

Any matter on this agenda may, at the discretion of the governing body, be opened for public comment and discussion.

If you plan to attend this public meeting and have a disability that requires special accommodations, please advise the City Secretary at least 48 hours in advance at 817.503.1133, and reasonable accommodations will be made to assist you.



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
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Agenda Number PC-1

Agenda Date 11/05/2014

Type Pre Council

Department City Manager

Title

Presentation and discussion of the TEX Rail project

Explanation

TEX Rail is a 27-mile commuter rail project being developed by the Fort Worth Transportation Authority (The T). At the request of Councilmember Chris Putnam, representatives from the North Central Texas Council of Governments (NCTCOG) and The T will present information related to the project (presentations attached).

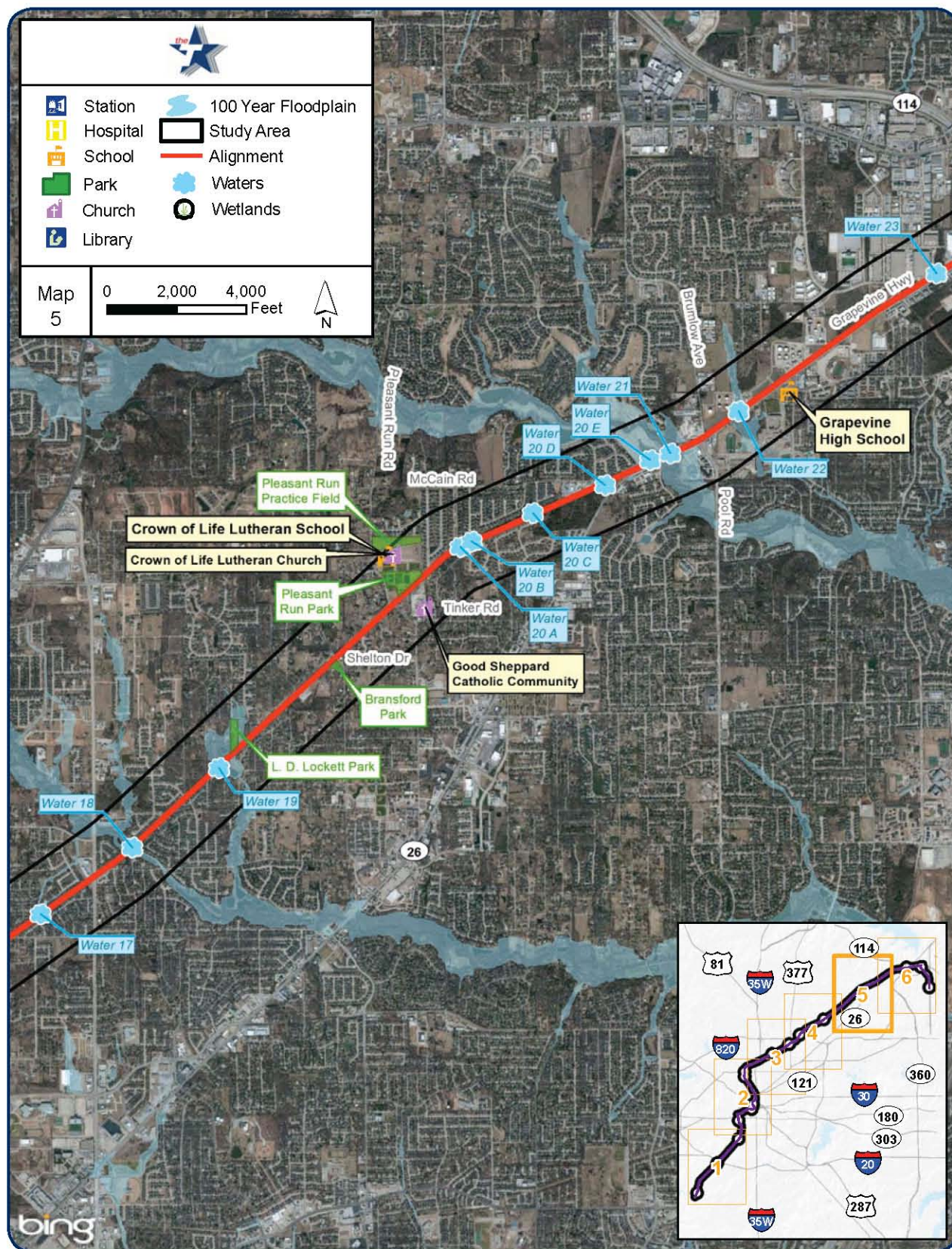
Attached to this briefing are a number of documents that staff has obtained related to the project. Additionally, the TEX Rail website provides information on design/construction, operations, stations/parking, cost/funding, and environmental studies: <http://www.texrail.com/Home.aspx>

Attachments

1. TEX Rail environmental constraints-Colleyville
2. TEX Rail Noise Impacts Nov. 2012-Colleyville
3. TEX Rail 2013 New Starts Project Documentation
4. TEX Rail Presentation from NCTCOG
5. TEX Rail Presentation from The T

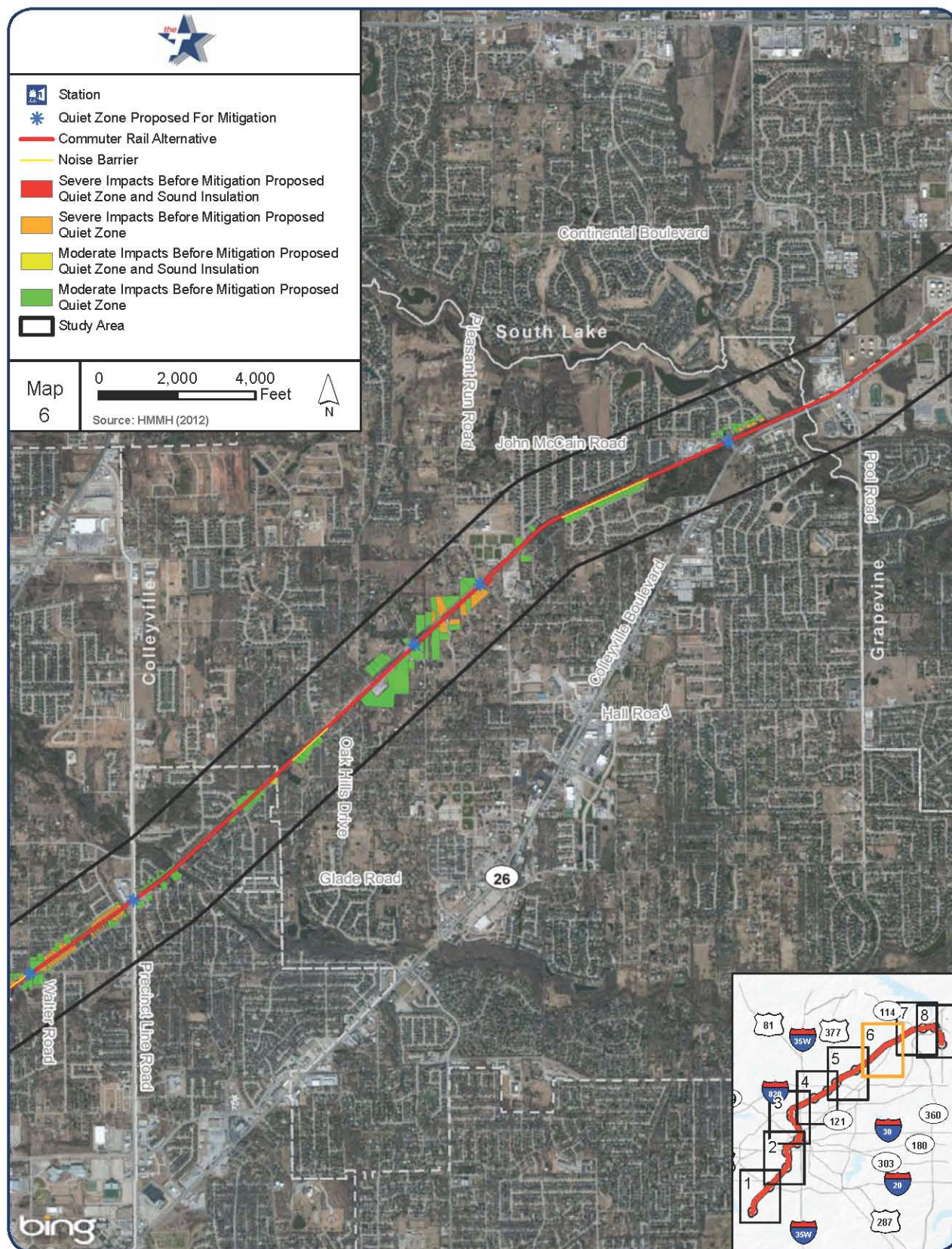


ENVIRONMENTAL CONSTRAINTS - MAP 5





NOISE IMPACTS – MAP 6



TEX Rail
Fort Worth, Texas
New Starts Project Development
(Rating Assigned January 2014)

Summary Description	
Proposed Project:	Commuter Rail 27.2 Miles, 10 Stations
Total Capital Cost (\$YOE):	\$809.77 Million (includes \$14.1 million in finance charges)
Section 5309 New Starts Share (\$YOE):	\$404.88 Million (50.0%)
Annual Operating Cost (opening year 2017):	\$10.57 Million
Current Year Ridership Forecast (2013):	10,200 Daily Linked Trips 3,007,500 Annual Linked Trips
Horizon Year Ridership Forecast (2035):	15,500 Daily Linked Trips 4,575,700 Annual Linked Trips
Overall Project Rating:	Medium-High
Project Justification Rating:	Medium
Local Financial Commitment Rating:	High

Project Description: The Fort Worth Transportation Authority (the T) proposes to build a double-track Tarrant County Express commuter rail line (TEX Rail) from downtown Ft. Worth providing service to northeast Tarrant County including the cities of Haltom, North Richland Hills, Colleyville, and Grapevine, to the Dallas-Ft. Worth International Airport (DFW). The TEX Rail project would operate on portions of the Ft. Worth and Western Railroad, Union Pacific Railroad, Trinity Railway Express (TRE) commuter rail line, and Dallas Area Rapid Transit's (DART) Cotton Belt line. At DFW, the project would provide transfer connections to DART's Orange light rail line, currently under construction, for trips to the north Dallas suburbs and downtown Dallas. The TEX Rail project includes construction of eight new stations, modifications to two existing TRE stations, expansion of an existing operations and maintenance facility currently used by TRE, construction of 2,000 park-and-ride spaces, and the purchase of eight diesel multiple unit (DMU) vehicles. In the opening year, service would be provided every 30 minutes during peak periods and every 90 minutes during off-peak periods.

Project Purpose: The project would link three of the region's major activity centers, including downtown Ft. Worth, the City of Grapevine, and DFW. The project area currently has four of the worst roadway bottlenecks in the Dallas-Ft. Worth region, and the region's worst interchange bottleneck at Loop 820 and State Highway 183. All major roadways in the TEX Rail corridor operate at a level of service "D" or worse, according to the Texas Department of Transportation. No major roadway serves the entire project corridor end-to-end. Existing transit service in the corridor's southwest portion (City of Ft. Worth) includes local and express buses in mixed traffic that experience unpredictable conditions due to congestion and incidents. There is currently no transit service in the corridor's northeast segment (Grapevine and North Richland Hills). Since TEX Rail would mostly operate on existing rail infrastructure and on an exclusive right-of-way outside of mixed traffic, the project would result in enhanced transit travel time reliability due to the avoidance of typical roadway delays.

Project Development History, Status and Next Steps: The T completed an alternatives analysis in the Southwest-to-Northeast Corridor in November 2006. Commuter rail was selected as the locally preferred alternative (LPA). A Draft Environmental Impact Statement (EIS) was published in October

2008. Under SAFETEA-LU, FTA approved the project into preliminary engineering in March 2012. Under MAP-21, the project is considered to be in the project development phase since the environmental review process is not yet complete. The T anticipates completion of a Final EIS and Record of Decision in summer 2014, receipt of a Full Funding Grant Agreement in October 2015, and start of revenue service in December 2017.

Significant Changes Since Last Evaluation (November 2012): On August 12, 2013, The T Board of Directors formally adopted a Minimum Operable Segment (MOS) as the preferred alternative primarily due to increasing project costs. The MOS reduces the TEX Rail project length from 37.6 miles to 27.2 miles and reduces the number of stations from 14 to 10. The MOS extends from downtown Ft. Worth to DFW, and includes the segment with the highest potential ridership. In December 2012, the T Board of Directors changed the vehicle technology from locomotives and passenger cars to DMUs. This change increases the project capital cost and reduces the annual operating cost.

Locally Proposed Financial Plan		
<u>Source of Funds</u>	<u>Total Funds (\$million)</u>	<u>Percent of Total</u>
Federal:		
Section 5309 New Starts	\$404.88	50.0%
FHWA Flexible Funds (Congestion Mitigation and Air Quality Funds)	\$59.29	7.3%
FHWA Flexible Funds (Surface Transportation Program Funds)	\$2.36	0.2%
State:		
Texas Mobility Funds	\$96.31	11.9%
Local:		
Tarrant County Bonds	\$20.00	2.5%
City of Grapevine Sales Tax	\$85.54	10.6%
The T's Dedicated Sales Tax and Cash Balance	\$134.39	16.6%
DFW In-kind Station Contribution	\$7.00	0.9%
Total:	\$809.77	100.0%

NOTE: The financial plan reflected in this table has been developed by the project sponsor and does not reflect a commitment by DOT or FTA. The sum of the figures may differ from the total as listed due to rounding.

TX, Fort Worth TEX Rail
(Rating Assigned January 2014)

Factor	Rating	Comments
Local Financial Commitment Rating	Medium-High	
Section 5309 New Starts Share		The New Starts share of project costs is 50.0 percent.
Project Financial Plan	Medium-High	
Capital and Operating Condition (25% of composite rating)	Medium-High	• The average age of the Fort Worth Transportation Authority (“The T”) bus fleet is 8.8 years, which is older than the industry average. • The T does not have bond ratings since they have not issued debt via capital markets. • The T’s current ratio of assets to liabilities as reported in its most recent audited financial statement is 12.2 (FY 2012). • There have been no service cutbacks or cash flow shortfalls in recent years.
Commitment of Capital and Operating Funds (25% of composite rating)	High	• Approximately 82.2 percent of the non-Section 5309 New Starts capital funds are committed or budgeted. Sources of funds include Federal Congestion Mitigation and Air Quality funds, Federal Surface Transportation Program funds, a state grant from the Texas Mobility Fund, the City of Grapevine’s dedicated sales tax revenues, The T’s dedicated sales tax revenues, a portion of The T’s existing cash balances, Tarrant County bond proceeds backed by ad valorem property tax revenue, and Dallas-Fort Worth Airport contributions. • Approximately 99.4 percent of the funds needed to operate and maintain the transit system in the first full year of operation is committed or budgeted. Sources of funds include FTA Section 5307 Urbanized Area Formula grants, The T’s dedicated sales tax revenues, fare revenues, contributions from non-member cities, contributions from the City of Haltom and advertising, rental, and investment income.
Capital and Operating Cost Estimates, Assumptions and Financial Capacity (50% of composite rating)	Medium	• Assumed farebox collections are optimistic. Other assumptions in the financial plan are consistent with historical experience. • The capital cost estimate is reasonable. • The T has the financial capacity to cover cost increases or funding shortfalls equal to at least 25 percent of estimated project costs and 31 percent of annual system-wide operating expenses in the first year of operations.

**TEX Rail
Fort Worth, Texas
Project Development
(Rating Assigned January 2014)**

LAND USE RATING: Medium-Low

The land use rating reflects population and employment densities within ½-mile of proposed station areas, as well as the share of legally binding affordability restricted housing in the corridor compared to the share in the surrounding county(ies).

- Average population density across all station areas is 2,182, which corresponds to a low rating according to FTA benchmarks. Total employment served is 73,580, corresponding to a medium rating. Parking costs in downtown Fort Worth are \$12 per day on average, corresponding to a medium-high rating.
- The proportion of legally binding affordability restricted housing in the project corridor compared to the proportion in the counties through which the project travels is 0.0, which corresponds to a low rating.
- Existing development in downtown Fort Worth is urban in nature with commercial office, retail, and residential buildings near the two downtown stations. Existing development character in the remaining station areas is not transit supportive.
- Areas around the proposed downtown stations have adequate pedestrian amenities. However most station areas along the project corridor have a minimal level of pedestrian facilities, and are frequently lacking sidewalks, particularly in single-family residential neighborhoods.

ECONOMIC DEVELOPMENT RATING: Medium

Transit-Supportive Plans and Policies: Medium

- *Growth Management:* Although public, private, and academic institutions have undertaken regional visioning exercises, the Dallas-Fort Worth region has not adopted any policies or agreements related to growth management. Some local plans within the region focus on preserving open space to protect ecologically important areas, but plans are often focused on a single resource rather than on preserving a network.
- *Transit-Supportive Corridor Policies:* Transit oriented development (TOD) or station area plans have been completed for four of the 10 station areas. The City of Fort Worth reduces parking requirements within mixed-use districts.
- *Supportive Zoning Regulations Near Transit Stations:* The City of Fort Worth has developed a mixed use high-density zoning code for the two downtown station areas. North Richland Hills has developed a form based zoning code for its two station areas. The Fort Worth Comprehensive Plan supports zoning changes to support TOD around two additional stations. Haltom City and Grapevine are developing zoning ordinances or new zoning districts that promote transit-supportive density in proposed station areas.
- *Tools to Implement Land Use Policies:* The City of Fort Worth has a number of financial tools to encourage land development in certain areas, including neighborhood empowerment zones, tax increment financing, tax abatements, public improvement districts, land transactions, mixed-use zoning assistance, enhanced community facility agreements, and other capital project investments. The Haltom City Economic Development Corporation purchased 55 acres near the proposed Haltom City station with the hopes of building transit oriented development.

Performance and Impacts of Policies: Medium-High

- *Performance of Land Use Policies:* There have been a number of higher-density residential and mixed-use projects in downtown Fort Worth. Developments are being proposed at other stations. For instance, a proposed 14-acre mixed-use development adjacent to the Smithfield station could support more than 200 multifamily units, and at least 10,000 square feet of office, 10,000 square feet of retail, and 10,000 square feet of restaurant space.
- *Potential Impact of Transit Investment on Regional Land Use:* The project is expected to foster substantial infill development given the improved access to jobs around the region that it would provide, ample underdeveloped land in most station areas, and the strong regional economy. In downtown, existing surface parking lots between the ITC station and the convention center could eventually be redeveloped at a higher density. Haltom City recently purchased 55 acres around the proposed station. There are 1,100 acres of undeveloped land at DFW Airport North.

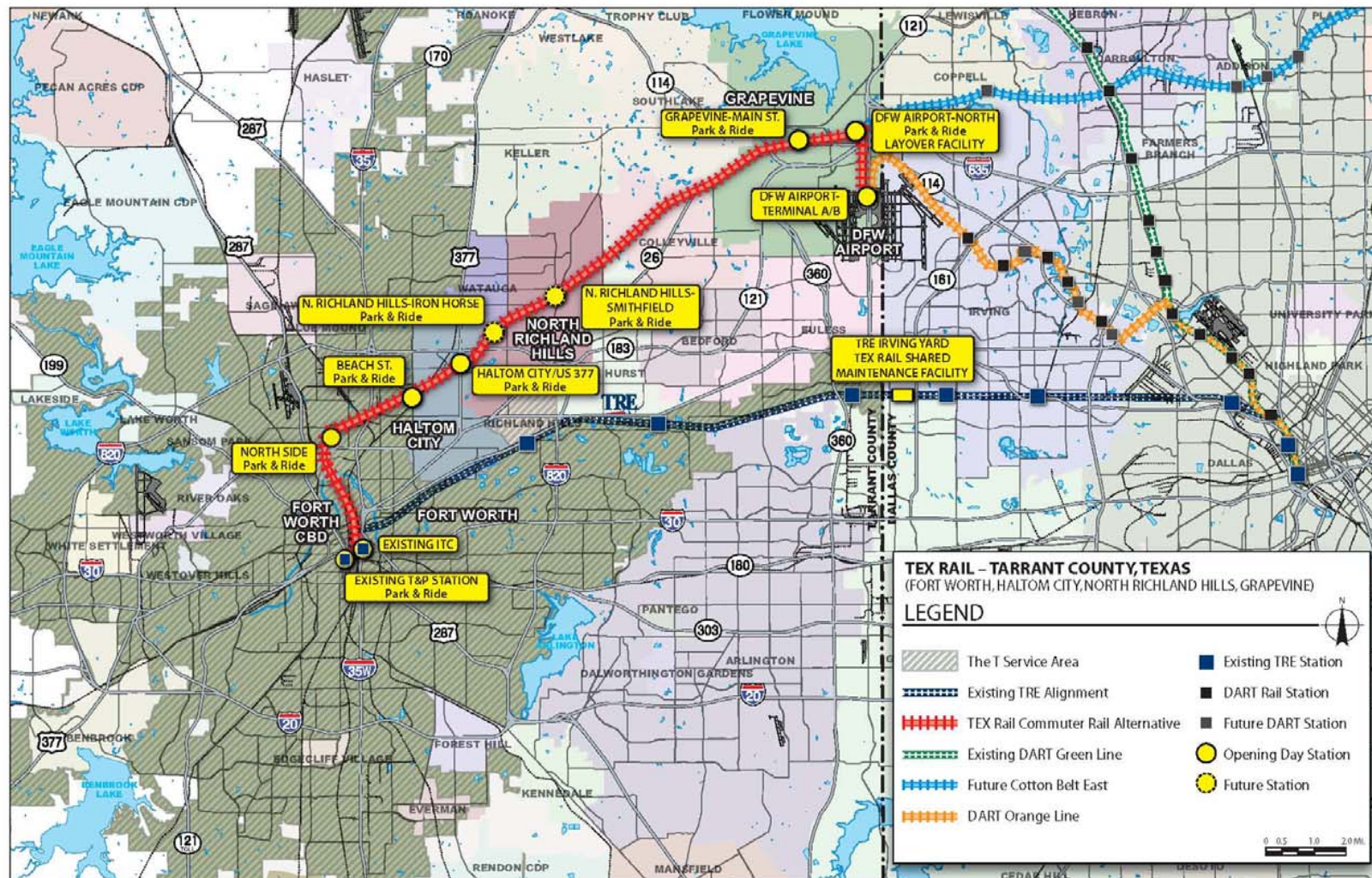
Tools to Maintain or Increase Share of Affordable Housing: Medium-Low

- Affordable housing objectives in the 2013 City of Fort Worth Comprehensive Plan include targets for lead abatement, infill housing, affordable rental housing and lender education. The draft Fort Worth Strategic Action Plan for 2023 sets a goal of having 10 percent of the housing developed in quality mixed income developments for people whose income is less than 60 percent of areawide median income. There is no evidence of affordable housing needs assessment or identification of policy in station areas beyond the City of Fort Worth.

3. TEX RAIL PROJECT MAPS

*This chapter contains the project map of TEX Rail (Commuter Rail)
Alternative for the TEX Rail project.*

Figure 3-1: TEX Rail Commuter Rail Alternative





Importance of TEXRail to the North Texas Region

City of Colleyville, Texas
City Council Meeting

Tom Shelton, P.E.
Senior Program Manager
North Central Texas Council of Governments

November 5, 2014



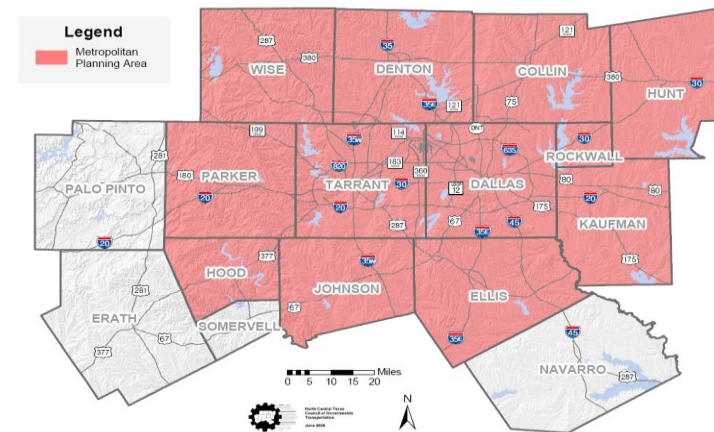
Outline

Regional Context

Growth of North Texas Region

Region's Commitment of Transit

Importance of Systems



Regional Context

Size

4th Largest Metropolitan Area in U.S.
6.7 Million People (larger than 35 states)
10 Million People by 2035
56 General Aviation Airports

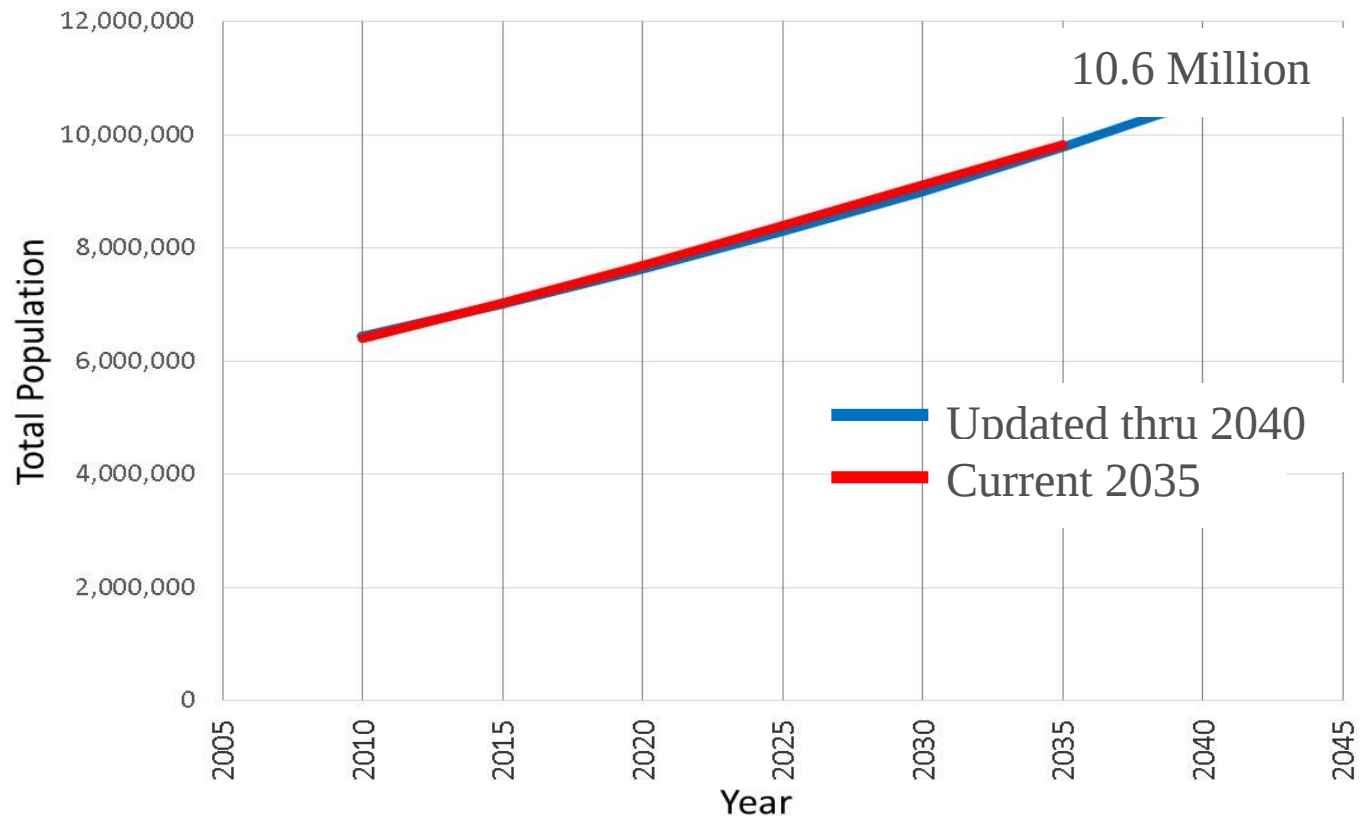
Economy

12th Largest Regional Economy in the World
32 Percent of Texas Economy
500,000 Aviation-related Jobs

Sources: North Texas Commission and NCTCOG.



Regional Population Growth



Source : The Perryman Group

Dallas-Fort Worth Area Growth

Population

1940: 1,017,027

1955: 1,337,203

1965: 1,851,111

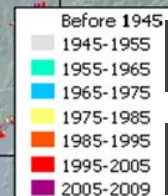
1975: 2,506,973

1985: 3,116,152

1995: 4,111,750

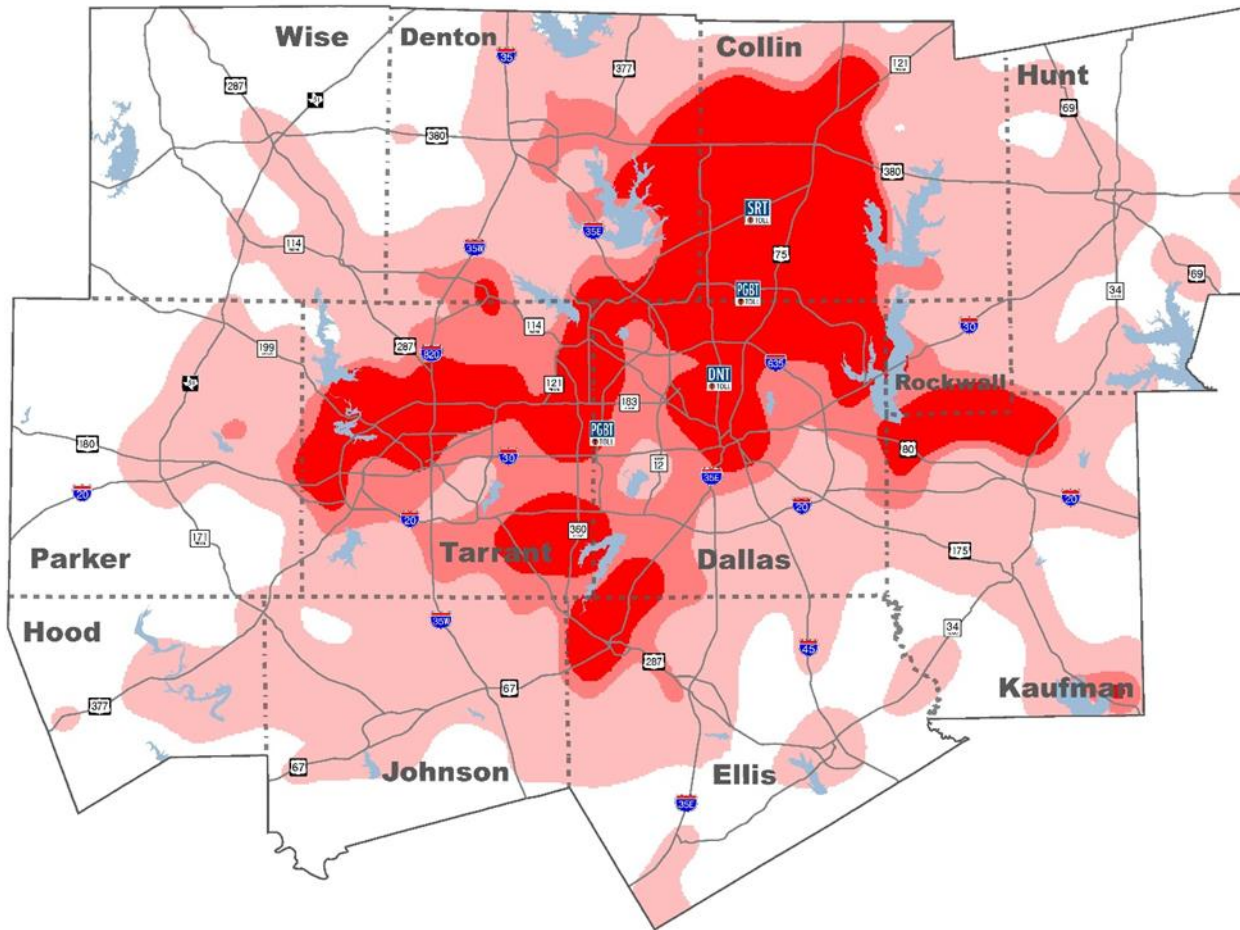
2003: 5,732,908

2009: 6,454,989



2009

Levels of Congestion



9.8 M
population
of Congestion

2035 No-Build Congestion Levels

\$4.7 B

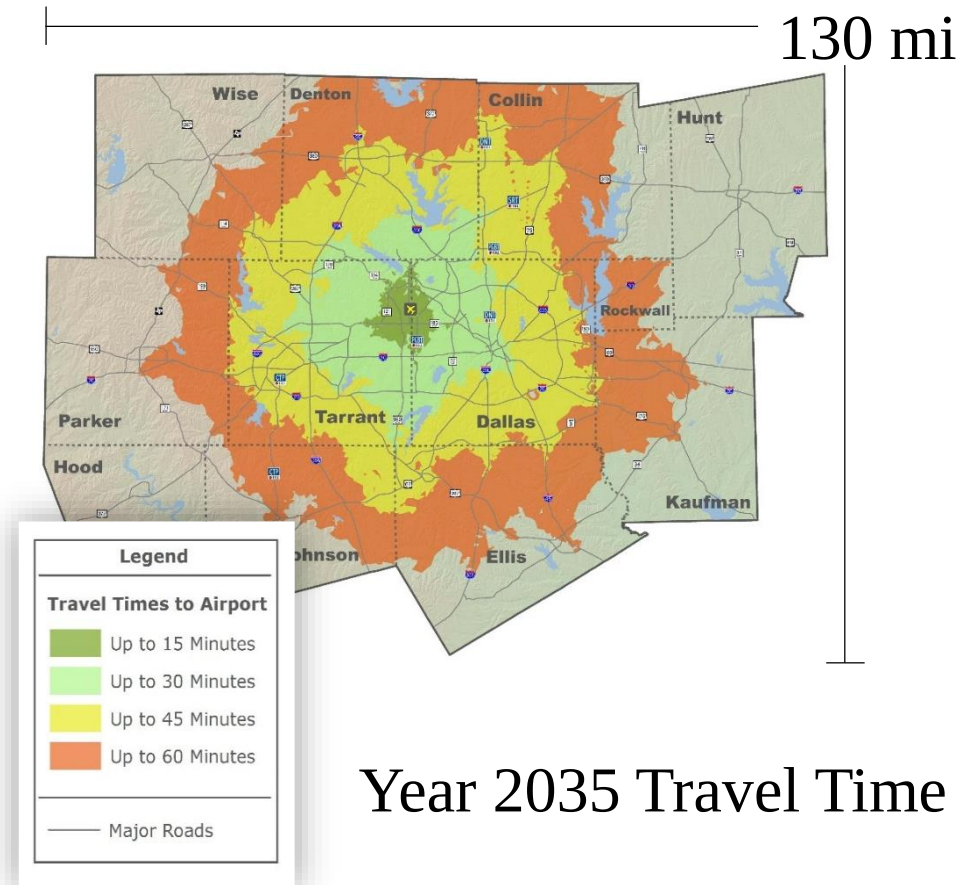
Ingredients of Success

Accessibility to Airports

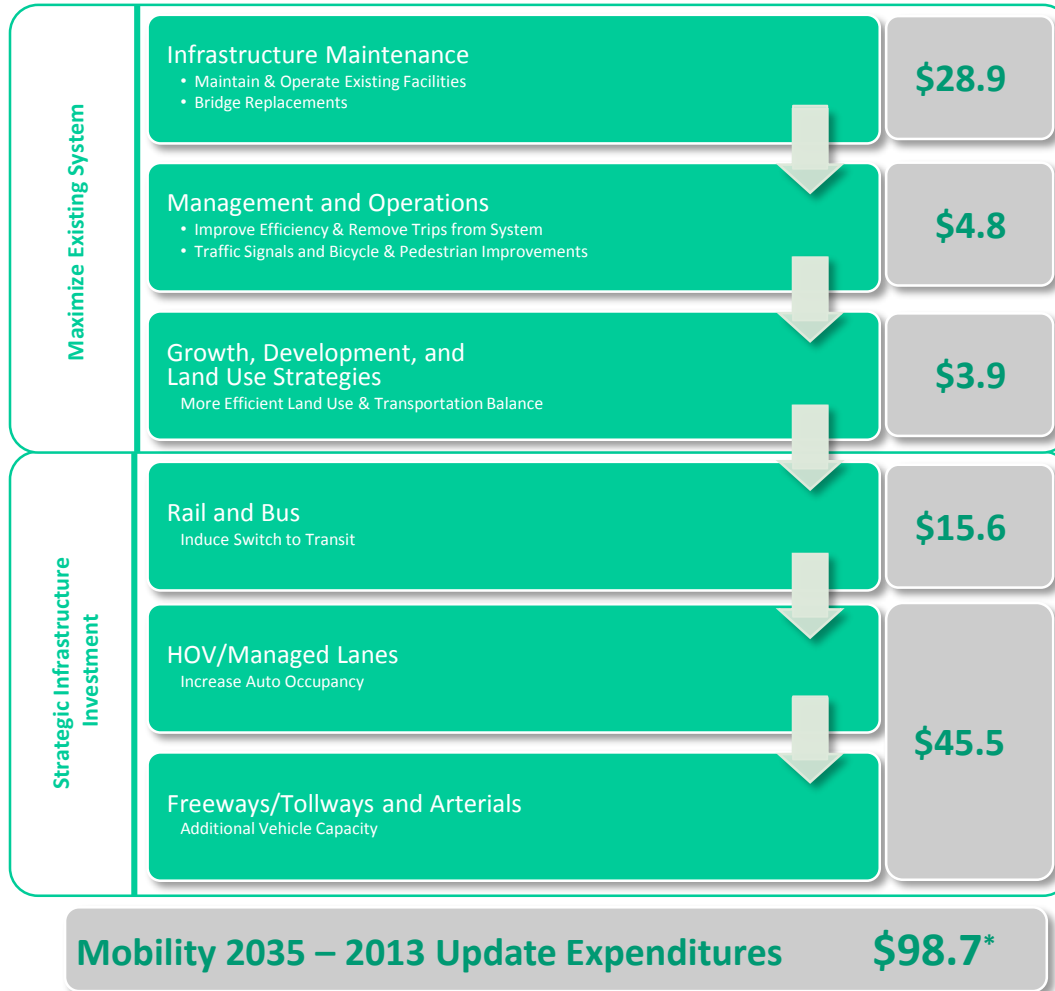
Partnerships

Multimodal Accessibility

Innovative Finance



Investments and Economic Benefits



Considered Throughout the Process **Policy Discussions**

- *Intermodal Planning Efforts*
- *System Safety*
- *System Security*
- *Environmental Justice*
- *Environmental Stewardship*

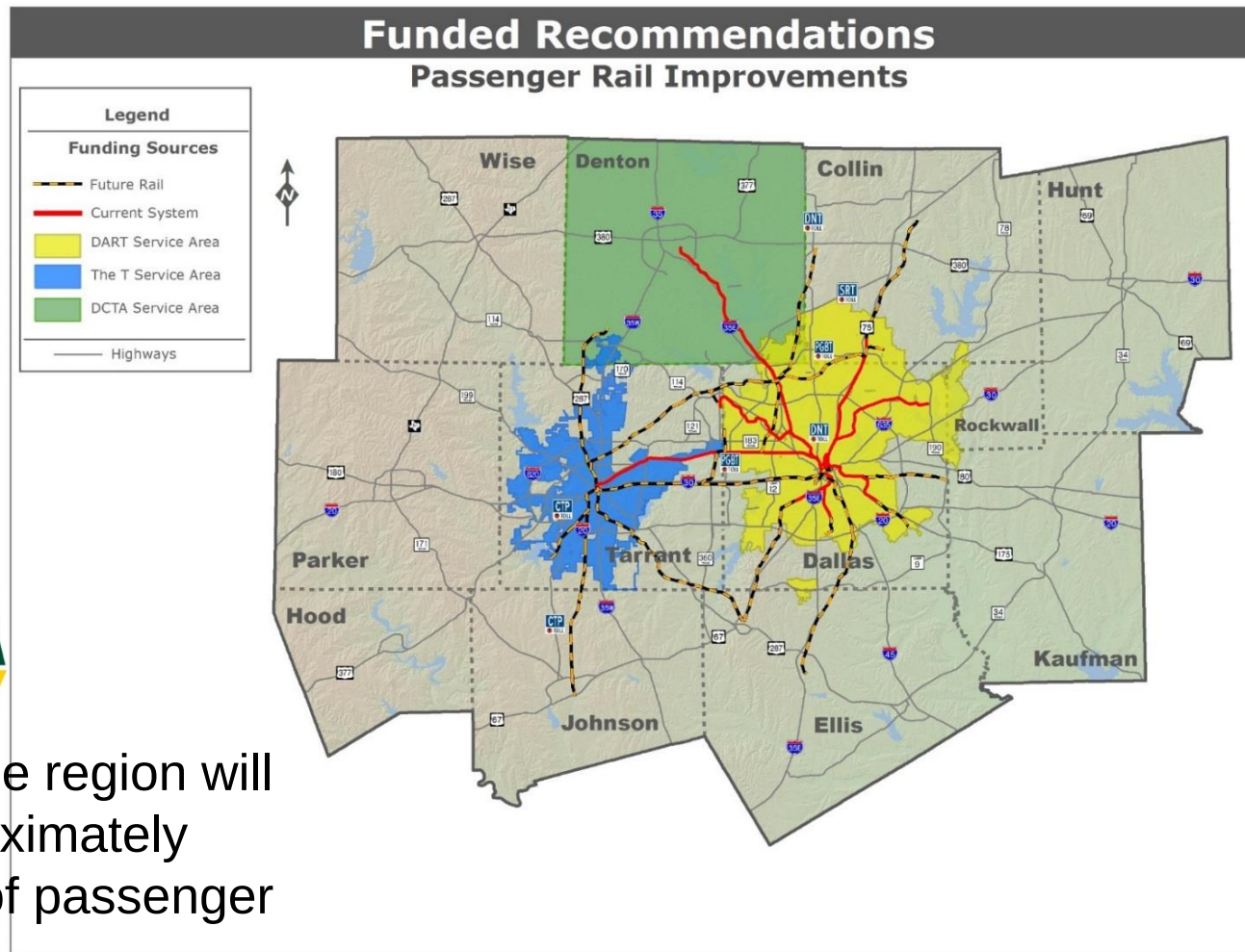
Air Quality Impacts

Financial Constraints

Major Planned Passenger Rail Improvements – *Mobility 2035*

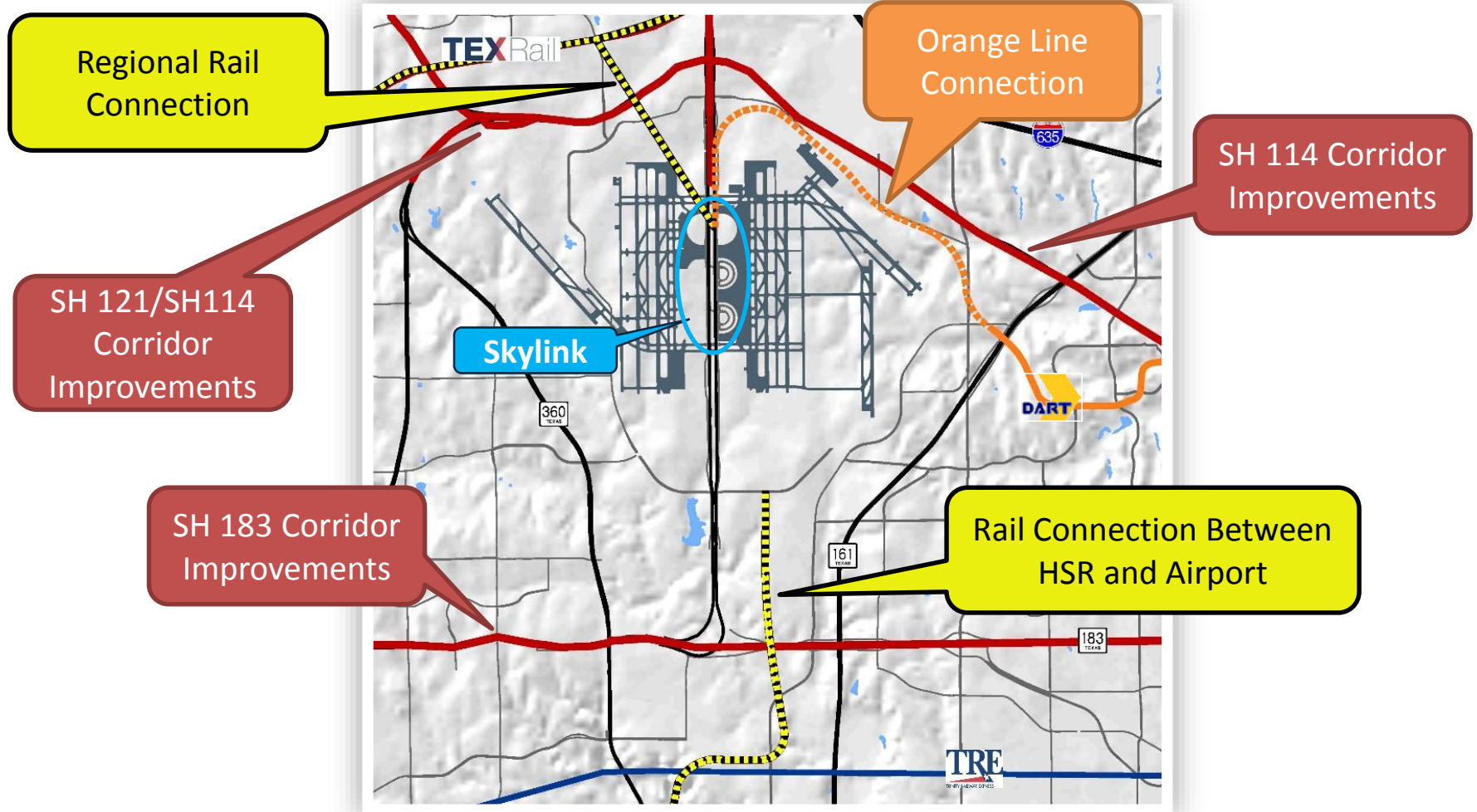


By 2035, the region will have approximately 500 miles of passenger rail.



“Importance of System”

Transportation Connectivity – DFW

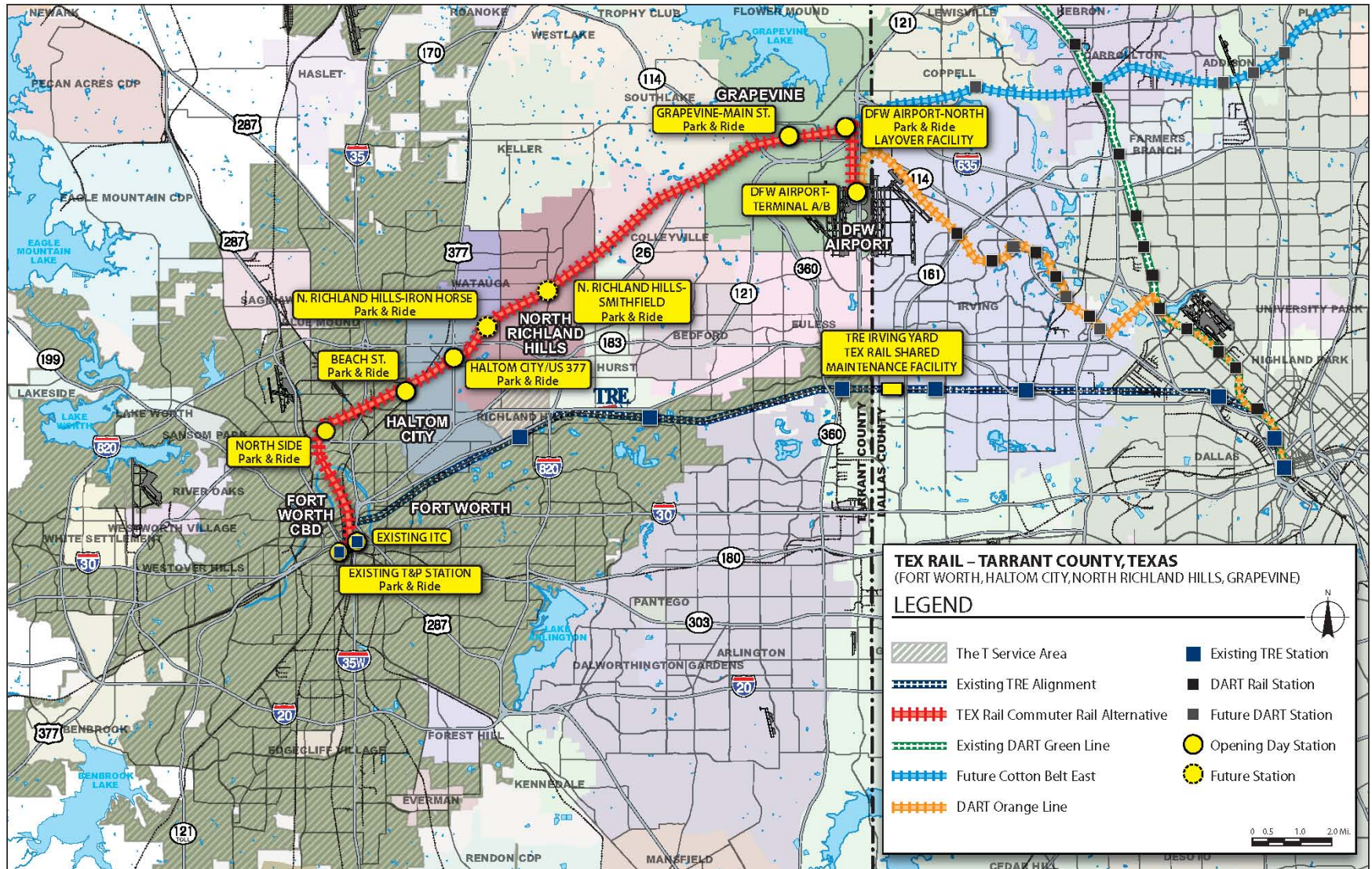




TEX Rail
Fort Worth Transportation Authority (The T)
Colleyville City Council Briefing

PROJECT UPDATE
NOVEMBER 5, 2014

TEX RAIL CORRIDOR MAP



TEX RAIL FAST FACTS

- ✖ Federal Transit Administration - New Starts Project
- ✖ 27.2 miles from Fort Worth CBD to DFWIA
- ✖ Stations: 8 (opening day) / 10 (full-build)
- ✖ Total Program Cost - \$892M (YOE\$)
- ✖ Annual Operating Costs
 - + Opening Day - \$10.3M
 - + Full-Build - \$11.6M
- ✖ Projected Daily Ridership
 - + 9,000 opening day
 - + 13,000 in 2035



FAST FACTS (CONTINUED)

✖ Service Frequency

- + AM Peak: 30-minute headways
- + PM Peak: 30-minute headways
- + Off-peak/weekends: 90-minute headways (2018)
- + Off-peak/weekends: 60-minute headways (2030)

✖ Daily Train movements

- + 42 passenger trains a day (Full-Build)
- + Freight Service – to be served during off-peak times

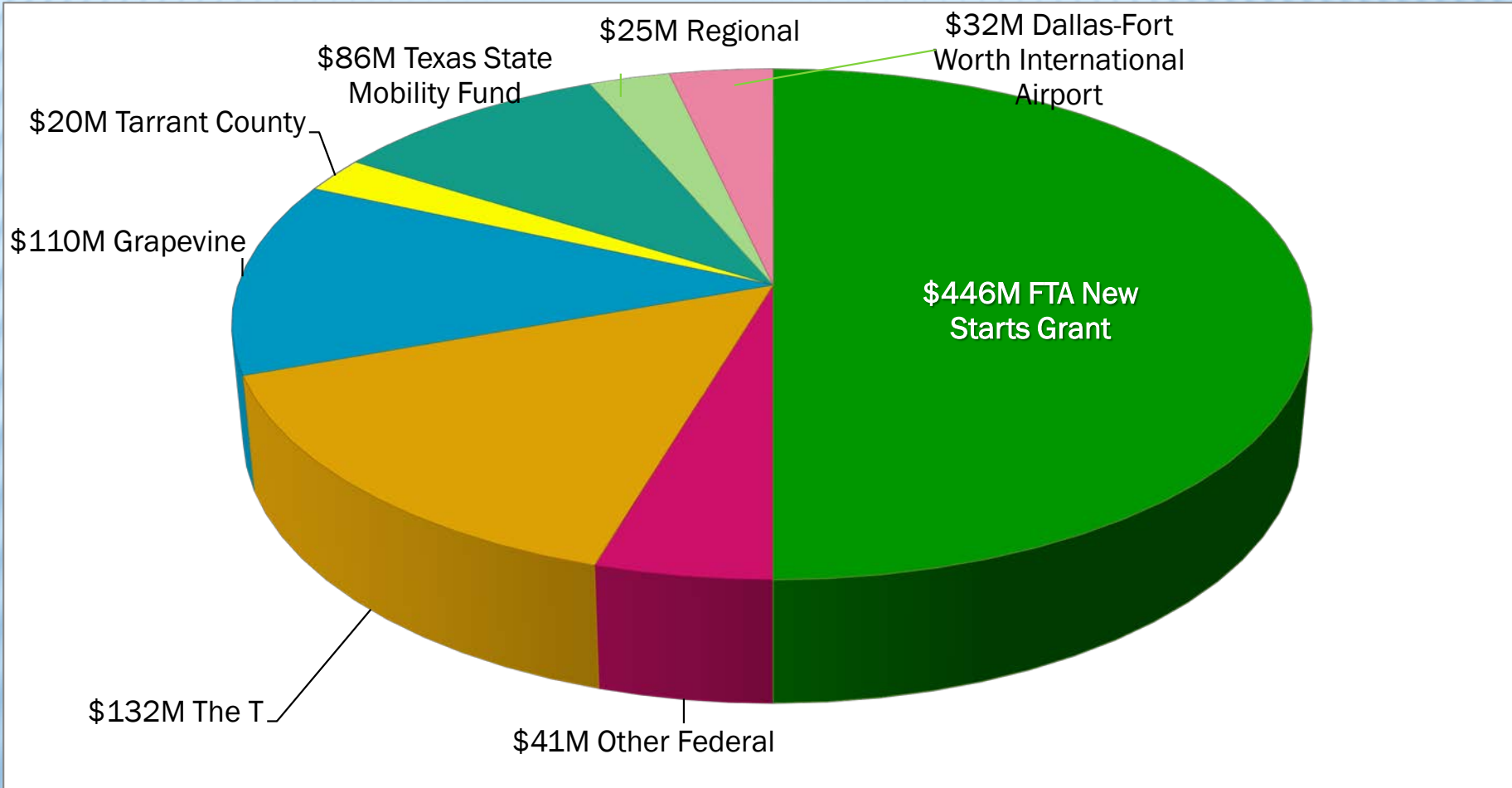


TECHNOLOGY

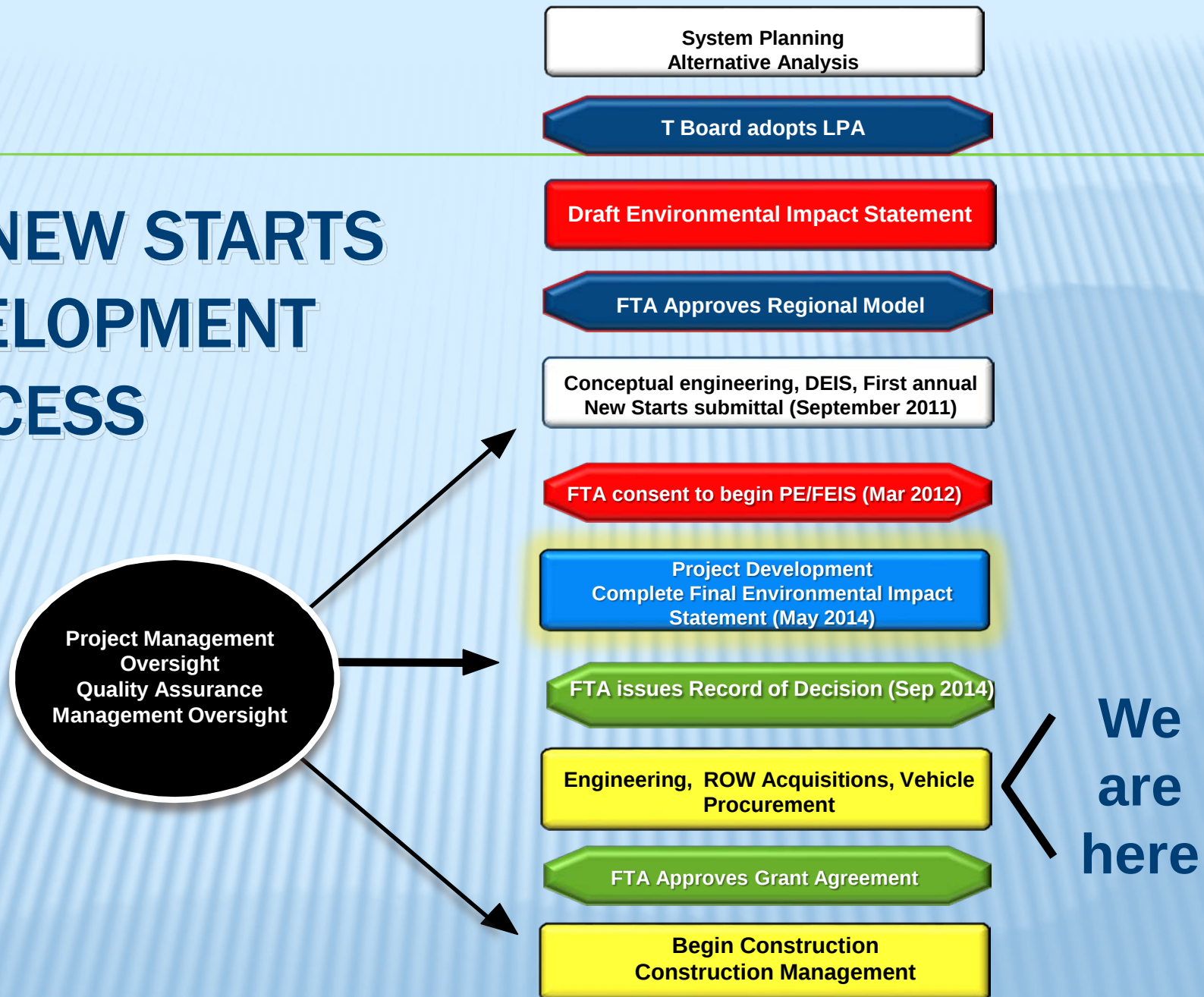


- ✖ Diesel Multiple Units (DMU)
 - + Quieter than Locomotive Hauled Coach technology
 - + More fuel efficient
 - + Lower operating and maintenance costs
 - + Safer – Utilizes Energy Management System
 - + Positive Train Control

TEX RAIL FUNDING



FTA NEW STARTS DEVELOPMENT PROCESS



ENVIRONMENTAL

✖ Noise Mitigation Strategy

- + DMU Technology + Quiet Zones

✖ Traffic Mitigation Strategy

- + Traffic Signals – Bransford and Pleasant Run
- + Left turn lane on Pleasant Run / LD Lockett

✖ Safety Strategy

- + At-Grade Crossing Protection / median curbs
- + Fire, Life, Safety initiatives
- + Threat/Hazard analysis during design



MAJOR PROJECT MILESTONE SCHEDULE

MILESTONE	TARGET
Alternatives Analysis	Jan-2007
Draft Environmental Impact Statement (DEIS)	Oct-2008
Public Hearings on DEIS	Nov-2012
Environmental Assessment (EA) prepared	Jan-2013
EA Public Comment Period Ends	Mar-2013
Final Environmental Impact Study (FEIS) Published	May-2014
FEIS Public Comment Period Ends	Jun-2014
Record of Decision (ROD) Received	Sep-2014
FTA Grants Permission to Enter Engineering	Q4 - 2014
Award Vehicle Contract	Q4 - 2014
Full Funding Grant Agreement	Q1 - 2016
Award TEX Rail Construction Contract	Q2 - 2016
TEX Rail Construction Complete	Q2 - 2018
TEX Rail Revenue Operations	Q3 - 2018

(1) Items in white text are complete



QUESTIONS?





City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number PC-2

Agenda Date 11/05/2014

Type Pre Council

Department City Manager

Title

Update of utility rate study for Fiscal Year 2015

Explanation

Annually, staff updates the utility rate study to include changes in consumption patterns, incorporation of Trinity River Authority (TRA) rate increases, and the rate effect of future infrastructure renewal needs. TRA is the sole provider of the City's treated water and sewer. As a part of the FY 2015 budget discussion, staff informed the City Council a rate increase would be necessary in the event TRA's FY 2015 rates were greater than those in the City's current rate structure.

The major cost component of the Utility Fund is the treated water and sewer purchased from TRA, which comprises 67 percent of the FY 2015 Utility Fund budget. Currently, TRA charges the City \$2.64 for treated water and \$2.12 for treated sewer for each 1,000 gallons. Over the next five years, TRA projects the cost for treated water to increase to \$3.52 per 1,000 gallons and the cost for treated sewer to increase to \$2.91 per 1,000 gallons, an increase of \$0.88 and \$.79, respectively over current rates. Per TRA, these increases are projected to cover forecasted increased costs for the purchase of raw water, chemicals and debt service for future proposed debt issuances to fund federal environmental regulations and replacement of aging infrastructure.

TRA's FY 2015 budget will go into effect on December 1, 2014. The adopted FY 2015 TRA rate per 1,000 gallons for treated water is \$2.91 and the rate per 1,000 gallons for treated sewer is \$2.23. This is an increase of \$0.27 and \$0.11, respectively, over the FY 2014 rates of \$2.64 for water and \$2.12 for sewer. The FY 2014 TRA rates are those upon which the City's current water and sewer rate structure is based.

Exhibit "A" is a five year projection of Utility Fund expenses and coverage ratios for FY 2015-2019, under the current rate structure. Due to current and future TRA rate increases, the current water and sewer rates do not provide the required debt coverage ratio of 1.20 or provide any funding for infrastructure replacement in the recently approved Capital Improvement Plan for FY 2015 - 2019. For FY 2015, the projected debt coverage ratio is 0.53 with current water and sewer rates, and does not meet the 1.20 coverage ratio required by utility bond covenants. When the coverage ratio is not met, the rating agencies can downgrade ratings on existing bonds and future bonds cannot be sold until the coverage ratio is met. Currently, both rating agencies, Fitch Ratings Inc. and Standard and Poor's, rate the City's outstanding water and sewer debt as "AAA", which is the highest rating category. In order to meet the

required debt coverage ratio and provide funding for infrastructure replacement in the approved Capital Improvement Plan, a pass through water rate adjustment of \$0.27 per 1,000 and a sewer rate adjustment of \$0.11 per 1,000 is necessary for FY 2015.

Exhibit "B" is a five year projection of Utility Fund expenses and coverage ratio for FY 2015-2019 under the proposed rate structure that includes the TRA pass through rate increases. The FY 2015 water rate adjustment of \$0.27 replicates the TRA increase, as does the \$0.11 sewer rate increase. This exhibit also displays the year-to-year projected rate increase and the cumulative projected rate increase from the FY 2014 rates. It also displays the projected amount that would be available to fund future infrastructure renewals.

Since the last review of rates in November 2013, the cities of Bedford, Euless, Hurst, and Keller have increased their water and sewer rates (reflected in the attached). Per the attached Water and Sewer Rate Comparison of surrounding cities, Colleyville citizens would pay on average \$2.69 less than the surrounding cities for 15,000 gallons of water under this proposed TRA pass through rate increase. For 10,000 gallons of sewer, Colleyville citizens would pay on average \$7.15 less than the surrounding cities under the proposed TRA pass through rate increase. The proposed monthly increase in the combined bill for 15,000 gallons of water and 10,000 gallons of sewer would be \$5.15.

The current rates per tier of water usage are as follows:

2,001-20,000 gallons	-	\$3.85
20,001-30,000 gallons	-	\$4.41
30,001-40,000 gallons	-	\$4.97
40,001-50,000 gallons	-	\$5.53
over 50,000 gallons	-	\$6.09

Incorporating the pass through of the TRA water rate increase, the proposed rates would be as follows:

2,001-20,000 gallons	-	\$4.12
20,001-30,000 gallons	-	\$4.68
30,001-40,000 gallons	-	\$5.24
40,001-50,000 gallons	-	\$5.80
over 50,000 gallons	-	\$6.36

As was proposed with the adoption of the tiered water rate structure, revenue received in the Utility Fund in excess of coverage ratio requirements would be reserved for future infrastructure replacement as included in the adopted FY 2015-2019 Capital Improvements Plan (attached Resolution R-14-3781).

Ordinance O-89-741, and its subsequent update through Ordinance O-11-1788, allows

the direct pass through of increases for treated water and sewer by TRA to be adopted by resolution. If directed by City Council, there will be a resolution on the November 18, 2014 City Council agenda proposing the TRA pass through water rate increase of \$0.27 on each of the individual water rate tiers and the sewer rate increase of \$0.11, to be effective December 1, 2014 for the utility bills to be received in January 2015. At the December 16, 2014 City Council meeting, staff will be presenting the results of the Comprehensive Water and Sewer master plan, which includes infrastructure capital projects and the impact those cost will have on the existing rates. There is a rate study as a part of the master plan, which allocates a greater part of the rate structure to fixed costs and makes rate recommendations to pay for the future projects.

Attachments

1. Utility Rate Study Update Presentation
2. FY 2015 -2019 plan with no TRA pass through rate increase - Exhibit A
3. FY 2015 -2019 plan with TRA pass through rate increase - Exhibit B
4. FY 2015 rate comparison of surrounding cities
5. Resolution R-14-3781



Utility Rate Study Update

City Council Pre Council
November 5, 2014

Current Tiered Water Rates

(effective December 1, 2013)

Current rate per 1,000 gallons - \$3.85

First 2,000 gallons of usage continues to be included in the minimum bill

Differential of lowest to highest rate – 58%

10,000 gallons between tiers beginning at **20,000 gallons**

Tiered rate break points (15% increase between tiers):	
2,000 - 20,000 gallons	\$3.85
20,001 - 30,000 gallons	\$4.41
30,001 – 40,000 gallons	\$4.97
40,001 – 50,000 gallons	\$5.53
Over 50,000 gallons	\$6.09

JANUARY THROUGH MAY WATER USAGE - GALLON TIERS SIDE BY SIDE 2013 TO 2014 COMPARISON

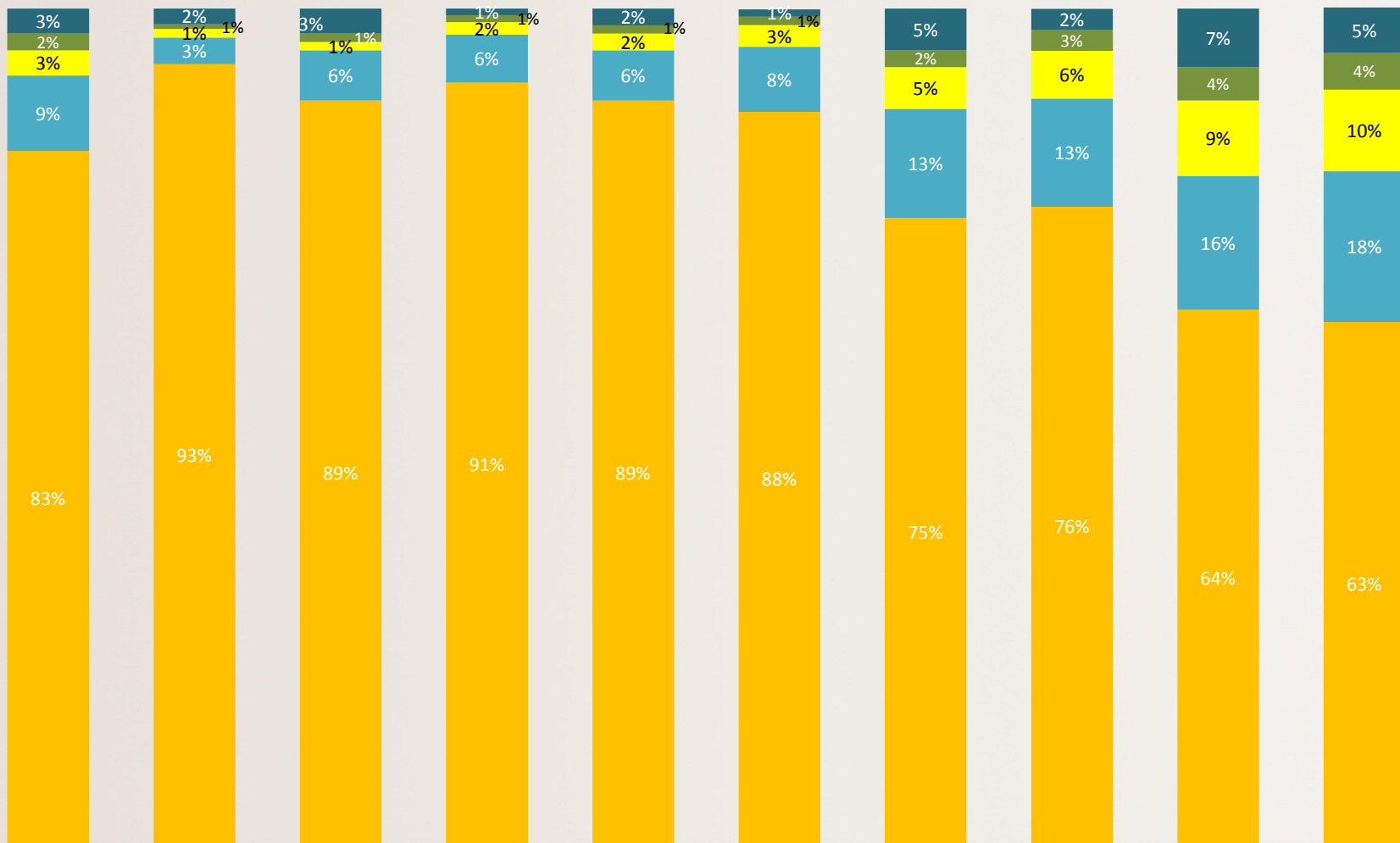
0-20,000

20,001-30,000

30,001-40,000

40,001-50,000

Over 50,000



0
GALLONS

JAN-13

JAN-14

FEB-13

FEB-14

MAR-13

MAR-14

APR-13

APR-14

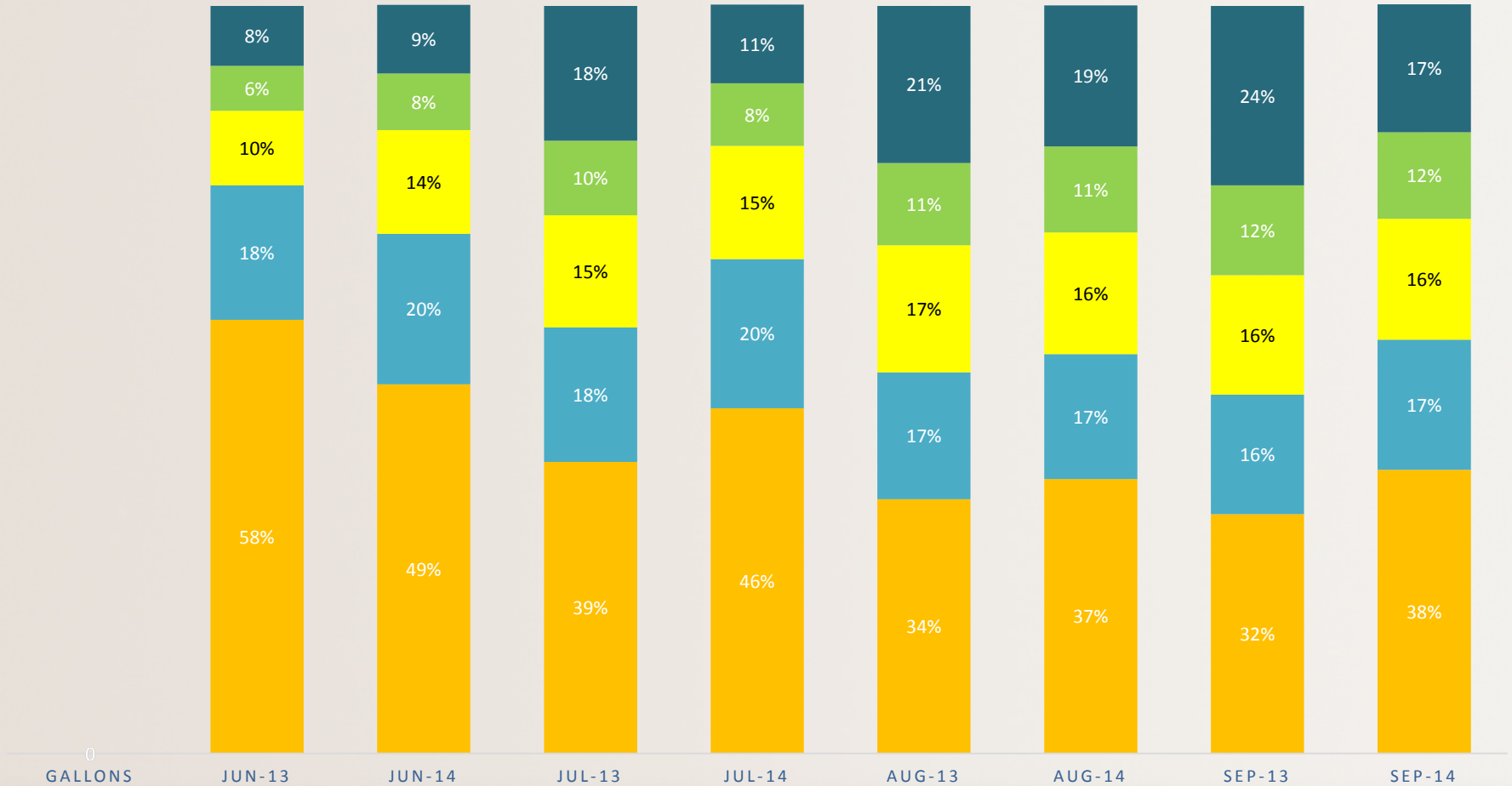
MAY-13

MAY-14



JUNE THROUGH SEPTEMBER WATER USAGE - GALLON TIERS SIDE BY SIDE 2013 TO 2014 COMPARISON

■ 0-20,000
 ■ 20,001-30,000
 ■ 30,001-40,000
 ■ 40,001-50,000
 ■ OVER 50,000



Customer water use - % by tiers

summer 2013 and 2014 versus summer 2011

Water Usage	Aug 2014 96.4° / 4.34"	Aug 2013 98.3° / 1.32"	Aug 2011 104.3° / .96"		Sept 2014 90.1° / .06"	Sept 2013 94.8° / 3.13"	Sept 2011 92.5° / .66"
0-20,000	37%	34%	24%		38%	32%	37%
20,001-30,000	17%	18%	10%		17%	16%	18%
30,001-40,000	16%	16%	12%		16%	16%	15%
40,001-50,000	12%	11%	12%		12%	12%	10%
Over 50,000-	19%	21%	42%		17%	24%	21%

August Customer Water Use - % by Tiers

Water Usage	August 2014 96.4° / 4.34"	August 2013 98.3° / 1.32"	August 2012 97.5° / 3.19"	August 2011 104.3° / .96"	August 2010 94.8° / 3.13"	August 2009 95.6° / 1.64"
0-20,000	37%	34%	25%	24%	34%	35%
20,001-30,000	17%	18%	13%	10%	16%	16%
30,001-40,000	16%	17%	14%	12%	15%	15%
40,001-50,000	12%	11%	12%	12%	11%	11%
Over 50,001-	19%	21%	36%	42%	23%	23%

Trinity River Authority's Five Year Projection of Water and Wastewater Rates per 1,000 gallons

Fiscal Year	Projected Water Rate	Increase from FY 2014		Projected Wastewater Rate	Increase from FY 2014
2014	\$2.64			\$2.12	
2015	\$2.91	\$.27		\$2.23	\$.11
2016	\$3.09	\$.18		\$2.42	\$.19
2017	\$3.23	\$.14		\$2.62	\$.20
2018	\$3.39	\$.16		\$2.78	\$.16
2019	\$3.52	\$.13		\$2.91	\$.13

- FY 2015 – 2019 wastewater rate increases are to repay \$384M in debt to be issued for treatment plant rehabilitation and plant/collection system improvements / water rate increases are for increases in raw water cost and \$50M in debt to be issued for plant reliability and distribution improvements

Tiered Water Rates – with TRA pass through rate increase (effective December 1, 2014)

Base rate per 1,000 gallons - \$4.12

First 2,000 gallons of usage continues to be included in the
minimum bill

Differential of lowest to highest rate – 58%

Tiered rate break points
(15% increase between tiers):

2,000 - 20,000 gallons	\$4.12
20,001 - 30,000 gallons	\$4.68
30,001 – 40,000 gallons	\$5.24
40,001 – 50,000 gallons	\$5.80
Over 50,000 gallons	\$6.36

Effect of TRA pass through rate increase

- Rates would be effective December 1, 2014 for bills received by customer in January 2015
- \$0.27 water rate increase per 1,000 gallons on all tiers:
 - Average winter usage 10,000 gallons - \$2.70 monthly
 - Summer usage 30,000 gallons - \$8.10 monthly
- \$0.11 wastewater rate increase per 1,000 gallons:
 - Average residential sewer usage 10,000 gallons
 - \$1.10 monthly
 - Remains constant monthly due to winter average of residential sewer rate

Questions?

FIVE YEAR PROJECTION OF UTILITY FUND EXPENSES/COVERAGE FY 2015 - FY 2019
TIERED WATER RATES AND PASS THROUGH OF TRA RATE INCREASES

EXHIBIT A

ASSUMPTIONS: 70 NEW WATER/SEWER CUSTOMERS ANNUALLY
 4.5% WATER CONSUMPTION REDUCTION BEGINNING IN FY 2014/ NO ADDITIONAL REDUCTION IN FY 2015 AND 2016
 MINIMUM RATE \$3.85 - MAXIMUM RATE OVER 50,000 GALLONS - \$6.09 (58% DIFFERENTIAL BETWEEN MINIMUM AND MAXIMUM RATES)

FISCAL YEAR	2014	2015	2016	2017	2018	2019
AVERAGE ANNUAL WATER CUSTOMERS	9,436	9,506	9,576	9,646	9,716	9,786
AVERAGE MONTHLY USAGE	21,168	21,168	21,168	21,168	21,168	21,168
AMOUNT DERIVED FROM MINIMUM BILL	\$1,442,576	\$1,453,277	\$1,438,698	\$1,449,215	\$1,459,732	\$1,470,249
AMOUNT DERIVED FROM VOLUME CHARGE	\$8,929,074	\$8,996,042	\$9,063,512	\$9,131,489	\$9,199,975	\$9,268,975
AVERAGE ANNUAL SEWER CUSTOMERS	8,739	8,809	8,879	8,949	9,019	9,089
AVERAGE MONTHLY USAGE	10,100	10,100	10,100	10,100	10,100	10,100
AMOUNT DERIVED FROM MINIMUM BILL	\$1,042,388	\$1,050,738	\$978,111	\$985,822	\$993,533	\$1,001,244
AMOUNT DERIVED FROM VOLUME CHARGE	\$2,412,383	\$2,106,338	\$2,123,075	\$2,139,813	\$2,156,551	\$2,173,289
OPERATING REVENUE:						
WATER SALES	\$10,371,650	\$10,449,319	\$10,502,211	\$10,580,704	\$10,659,707	\$10,739,223
CUMULATIVE TRA PASS-THROUGH WATER RATE INCREASE	\$0	\$0	\$0	\$0	\$0	\$0
WATER MINIMUM BILL TRA PASS THROUGH ON 2,000 GALLONS	\$0	\$0	\$0	\$0	\$0	\$0
SEWER CHARGES	\$3,454,771	\$3,157,075	\$3,101,186	\$3,125,635	\$3,150,084	\$3,174,533
CUMULATIVE TRA PASS-THROUGH SEWER RATE INCREASE	\$0	\$0	\$0	\$0	\$0	\$0
SEWER MINIMUM BILL TRA PASS THROUGH ON 2,000 GALLONS	\$0	\$0	\$0	\$0	\$0	\$0
WATER INSTALLATION	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000
SEWER INSTALLATION	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
ENGINEERING AND DEVELOPMENT	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
PENALTY	\$207,396	\$204,096	\$204,051	\$205,595	\$207,147	\$208,706
SEWER TIE ON REVENUE	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
MISC REVENUE	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000
TOTAL OPERATING REVENUE	\$14,084,817	\$13,861,490	\$13,858,448	\$13,962,934	\$14,067,938	\$14,173,463
OPERATING EXPENSES:						
SUPPORT	\$1,060,731	\$1,101,132	\$1,123,155	\$1,145,618	\$1,168,530	\$1,191,901
BILLING	\$386,616	\$381,081	\$388,703	\$396,477	\$404,406	\$412,494
WATER OPERATIONS	\$563,560	\$587,470	\$599,219	\$611,204	\$623,428	\$635,896
WASTEWATER OPERATIONS	\$335,597	\$279,959	\$285,558	\$291,269	\$297,095	\$303,037
TRA WATER	\$6,755,127	\$7,126,168	\$7,622,683	\$8,026,293	\$8,485,012	\$8,873,871
TRA SEWER	\$2,290,342	\$2,428,479	\$2,656,331	\$2,898,535	\$3,099,602	\$3,269,730
OPERATING TRANSFER	\$1,037,213	\$1,115,969	\$1,088,512	\$1,088,272	\$1,096,507	\$1,104,783
TOMORROW FUND REPAYMENT	\$44,286	\$44,286	\$44,286	\$44,286	\$44,286	\$44,286
NON-DEPARTMENTAL	\$292,868	\$305,133	\$311,236	\$317,460	\$323,810	\$330,286
WATER / WASTEWATER LINE RENEWALS	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
TOTAL OPERATING EXPENSES	\$13,016,340	\$13,619,676	\$14,369,682	\$15,069,414	\$15,792,676	\$16,416,284
OPERATING INCOME	\$1,068,477	\$241,814	-\$511,235	-\$1,106,480	-\$1,724,738	-\$2,242,821
PLUS NON-OPERATING REVENUE (INT INC)	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300
SEWER IMPACT FEE (TRA PORTION)	\$0	\$0	\$0	\$0	\$0	\$0
NET INCOME	\$1,088,777	\$262,114	-\$490,935	-\$1,086,180	-\$1,704,438	-\$2,222,521
ANNUAL DEBT SERVICE						
2004 REFUNDING SERIES	\$198,673	\$0	\$0	\$0	\$0	\$0
2010 REFUNDING BOND ISSUE	\$620,500	\$490,100	\$365,325	\$359,900	\$157,325	
ANNUAL DEBT SERVICE	\$819,173	\$490,100	\$365,325	\$359,900	\$157,325	\$0
AMOUNT AVAILABLE FOR COVERAGE RATIO	\$1,088,777	\$262,114	-\$490,935	-\$1,086,180	-\$1,704,438	-\$2,222,521
AMOUNT NEEDED FOR COVERAGE RATIO	\$983,008	\$588,120	\$438,390	\$431,880	\$188,790	\$0
AMOUNT OVER/(UNDER) DEBT SERVICE AND 1.20 COVERAGE RATIO	\$105,770	-\$326,006	-\$929,325	-\$1,518,060	-\$1,893,228	-\$2,222,521
AMOUNT AVAILABLE FOR CIP/REHAB	\$105,770	-\$326,006	-\$929,325	-\$1,518,060	-\$1,893,228	-\$2,222,521
TARGET COVERAGE RATIO	1.20	1.20	1.20	1.20	1.20	N/A
ACTUAL COVERAGE RATIO	1.33	0.53	(1.34)	(3.02)	(10.83)	N/A
TARGET DAYS OF WORKING CAPITAL						
ACTUAL DAYS OF WORKING CAPITAL						
PASS THROUGH TRA RATE INCREASES						
ANNUAL PASS THROUGH TRA WATER INCREASE - PER 1,000 GALLON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CUMULATIVE TRA RATE INCREASE FROM CURRENT RATES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ANNUAL PASS THROUGH TRA SEWER INCREASE - PER 1,000 GALLON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CUMULATIVE TRA RATE INCREASE FROM CURRENT RATES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

FIVE YEAR PROJECTION OF UTILITY FUND EXPENSES/COVERAGE FY 2015 - FY 2019
TIERED WATER RATES AND PASS THROUGH OF TRA RATE INCREASES

EXHIBIT B

ASSUMPTIONS: 70 NEW WATER/SEWER CUSTOMERS ANNUALLY

4.5% WATER CONSUMPTION REDUCTION BEGINNING IN FY 2014/ NO ADDITIONAL REDUCTION IN FY 2015 AND 2016

MINIMUM RATE \$4.12 - MAXIMUM RATE OVER 50,000 GALLONS - \$6.36 (54% DIFFERENTIAL BETWEEN MINIMUM AND MAXIMUM RATES)

FISCAL YEAR	2014	2015	2016	2017	2018	2019
AVERAGE ANNUAL WATER CUSTOMERS	9,436	9,506	9,576	9,646	9,716	9,786
AVERAGE MONTHLY USAGE	21,168	21,168	21,168	21,168	21,168	21,168
AMOUNT DERIVED FROM MINIMUM BILL	\$1,442,576	\$1,453,277	\$1,438,698	\$1,449,215	\$1,459,732	\$1,470,249
AMOUNT DERIVED FROM VOLUME CHARGE	\$8,929,074	\$8,996,042	\$9,063,512	\$9,131,489	\$9,199,975	\$9,268,975

AVERAGE ANNUAL SEWER CUSTOMERS	8,739	8,809	8,879	8,949	9,019	9,089
AVERAGE MONTHLY USAGE	10,100	10,100	10,100	10,100	10,100	10,100
AMOUNT DERIVED FROM MINIMUM BILL	\$1,042,388	\$1,050,738	\$978,111	\$985,822	\$993,533	\$1,001,244
AMOUNT DERIVED FROM VOLUME CHARGE	\$2,412,383	\$2,106,338	\$2,123,075	\$2,139,813	\$2,156,551	\$2,173,289

OPERATING REVENUE:

WATER SALES	\$10,371,650	\$10,449,319	\$10,502,211	\$10,580,704	\$10,659,707	\$10,739,223
CUMULATIVE TRA PASS-THROUGH WATER RATE INCREASE	\$0	\$585,189	\$982,498	\$1,297,580	\$1,661,436	\$1,963,463
WATER MINIMUM BILL TRA PASS THROUGH ON 2,000 GALLONS	\$0	\$61,599	\$103,421	\$136,587	\$174,888	\$206,680
SEWER CHARGES	\$3,454,771	\$3,157,075	\$3,101,186	\$3,125,635	\$3,150,084	\$3,174,533
CUMULATIVE TRA PASS-THROUGH SEWER RATE INCREASE	\$0	\$93,023	\$255,715	\$429,552	\$571,444	\$689,310
SEWER MINIMUM BILL TRA PASS THROUGH ON 2,000 GALLONS	\$0	\$23,256	\$63,929	\$107,388	\$142,861	\$172,327
WATER INSTALLATION	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000
SEWER INSTALLATION	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
ENGINEERING AND DEVELOPMENT	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
PENALTY	\$207,396	\$214,269	\$222,624	\$231,502	\$240,640	\$248,498
SEWER TIE ON REVENUE	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
MISC REVENUE	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000
TOTAL OPERATING REVENUE	\$14,084,817	\$14,634,731	\$15,282,583	\$15,959,948	\$16,652,060	\$17,245,035

OPERATING EXPENSES:

SUPPORT	\$1,060,731	\$1,101,132	\$1,123,155	\$1,145,618	\$1,168,530	\$1,191,901
BILLING	\$386,616	\$381,081	\$388,703	\$396,477	\$404,406	\$412,494
WATER OPERATIONS	\$563,560	\$587,470	\$599,219	\$611,204	\$623,428	\$635,896
WASTEWATER OPERATIONS	\$335,597	\$279,959	\$285,558	\$291,269	\$297,095	\$303,037
TRA WATER	\$6,755,127	\$7,126,168	\$7,622,683	\$8,026,293	\$8,485,012	\$8,873,871
TRA SEWER	\$2,290,342	\$2,428,479	\$2,656,331	\$2,898,535	\$3,099,602	\$3,269,730
OPERATING TRANSFER	\$1,037,213	\$1,115,969	\$1,142,769	\$1,187,329	\$1,234,678	\$1,283,414
TOMORROW FUND REPAYMENT	\$44,286	\$44,286	\$44,286	\$44,286	\$44,286	\$44,286
NON-DEPARTMENTAL	\$292,868	\$305,133	\$311,236	\$317,460	\$323,810	\$330,286
WATER / WASTEWATER LINE RENEWALS	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
TOTAL OPERATING EXPENSES	\$13,016,340	\$13,619,676	\$14,423,939	\$15,168,471	\$15,930,846	\$16,594,915
OPERATING INCOME	\$1,068,477	\$1,015,054	\$858,644	\$791,477	\$721,213	\$650,120
PLUS NON-OPERATING REVENUE (INT INC)	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300	\$20,300
NET INCOME	\$1,088,777	\$1,035,354	\$878,944	\$811,777	\$741,513	\$670,420

2004 REFUNDING SERIES	\$198,673	\$0	\$0	\$0	\$0	\$0
2010 REFUNDING BOND ISSUE	\$620,500	\$490,100	\$365,325	\$359,900	\$157,325	
ANNUAL DEBT SERVICE	\$819,173	\$490,100	\$365,325	\$359,900	\$157,325	\$0
AMOUNT AVAILABLE FOR COVERAGE RATIO	\$1,088,777	\$1,035,354	\$878,944	\$811,777	\$741,513	\$670,420
AMOUNT NEEDED FOR COVERAGE RATIO	\$983,008	\$588,120	\$438,390	\$431,880	\$188,790	\$0
AMOUNT OVER/(UNDER) DEBT SERVICE AND 1.20 COVERAGE RATIO	\$105,770	\$447,234	\$440,554	\$379,897	\$552,723	\$670,420
AMOUNT AVAILABLE FOR CIP/REHAB	\$105,770	\$447,234	\$440,554	\$379,897	\$552,723	\$670,420
TARGET COVERAGE RATIO	1.20	1.20	1.20	1.20	1.20	N/A
ACTUAL COVERAGE RATIO	1.33	2.11	2.41	2.26	4.71	N/A

PASS THROUGH TRA RATE INCREASES

ANNUAL PASS THROUGH TRA WATER INCREASE - PER 1,000 GALLONS	\$0.00	\$0.27	\$0.18	\$0.14	\$0.16	\$0.13
CUMULATIVE TRA RATE INCREASE FROM CURRENT RATES	\$0.00	\$0.27	\$0.45	\$0.59	\$0.75	\$0.88
ANNUAL PASS THROUGH TRA SEWER INCREASE - PER 1,000 GALLONS	\$0.00	\$0.11	\$0.19	\$0.20	\$0.16	\$0.13
CUMULATIVE TRA RATE INCREASE FROM CURRENT RATES	\$0.00	\$0.11	\$0.30	\$0.50	\$0.66	\$0.79

WATER AND SEWER RATE COMPARISON OF SURROUNDING CITIES

WATER RATE COMPARISON OF SURROUNDING CITIES

CITY	MINIMUM BILL	# OF GALLONS IN MINIMUM BILL	BILL FOR 2,000 GALS	RATE PER 1,000 GALS	CUSTOMER BILL 10,000 GALS	CUSTOMER BILL 15,000 GALS	CUSTOMER BILL 20,000 GALS
BEDFORD	\$18.92	0	\$25.14	\$3.11	\$50.02	\$65.57	\$81.12
EULESS **	\$8.45	0	\$14.39	\$4.28 ^^	\$45.59	\$69.08	\$94.44
GRAPEVINE	\$11.51	2,000	\$11.51	\$3.23	\$37.35	\$53.50	\$69.65
HURST	\$15.42	2,000	\$15.42	\$6.20	\$65.02	\$96.02	\$127.02
KELLER **	\$16.88	0	\$20.98	\$3.26 ^^	\$46.74	\$64.44	\$82.14
NORTH RICHLAND HILLS **	\$10.00	2,000	\$10.00	\$4.43 ^^	\$45.44	\$67.59	\$89.74
SOUTHLAKE **	\$28.35	2,000	\$28.35	\$3.62 ^^	\$54.99	\$74.24	\$93.49
AVERAGE (0-20,000 GALLONS)	\$15.65		\$17.97	\$4.02	\$49.31	\$70.06	\$91.09
COLLEYVILLE CURRENT ~	\$12.74	2,000	\$12.74	\$3.85 ^^	\$43.54	\$62.79	\$82.04
VARIANCE IN RATES	(\$2.91)		(\$5.23)	(\$0.17)	(\$5.77)	(\$7.27)	(\$9.05)
AVERAGE	\$15.65		\$17.97	\$4.02	\$49.31	\$70.06	\$91.09
COLLEYVILLE 2015 TRA PASS THROUGH <<	\$13.28	2,000	\$13.28	\$4.12 ^^	\$46.24	\$66.84	\$87.44
VARIANCE IN RATES	(\$2.37)		(\$4.69)	\$0.10	(\$3.07)	(\$3.22)	(\$3.65)

** TIERED WATER ARE IN EFFECT IN THE FOLLOWING CITIES:

** EULESS' WATER RATE IS \$2.97 FOR 0 TO 2,000 GALLONS, \$3.90 FOR 3,001 TO 8,000 GALLONS, \$4.47 FOR 9,000 TO 15,000 GALLONS, \$5.00 FOR 16,000 TO 35,000 GALLONS, AND \$5.60 FOR ALL USAGE ABOVE 35,000 GALLONS

** KELLER'S WATER RATE IS \$2.05 FOR 0 TO 2,000 GALLONS, \$3.22 FOR 2,000 TO 10,000 GALLONS, \$3.54 FOR 10,001 TO 20,000 GALLONS, \$3.97 FOR 20,001 TO 25,000 GALLONS, \$5.08 FOR 25,000 TO 40,000 GALLONS, AND \$5.51 FOR ALL USAGE ABOVE 40,000 GALLONS

** NORTH RICHLAND HILLS' WATER RATE IS \$4.43 FOR 2,000 TO 22,440 GALLONS AND \$4.49 FOR ALL USAGE ABOVE 22,440 GALLONS

** SOUTHLAKE'S WATER RATE IS \$3.33 FOR 2,000 TO 10,000 GALLONS, \$3.85 FOR 10,001 TO 25,000 GALLONS AND \$4.12 FOR 25,000 TO 40,000, AND \$4.64 FOR ALL USAGE ABOVE 40,000 GALLONS

~ COLLEYVILLE'S WATER RATE IS \$3.85 FOR 2,000 TO 20,000 GALLONS, \$4.41 FOR 20,001 TO 30,000 GALLONS \$4.97 FOR 30,001 TO 40,000 GALLONS, \$5.53 FOR 40,001 TO 50,000, AND \$6.09 FOR ALL USAGE ABOVE 50,000 GALLONS

^^ RATES SHOWN ARE THE AVERAGE OF THE TIERED RATE USAGE OF 0-20,000 GALLONS

<< COLLEYVILLE PROPOSED INCLUDES PASS THROUGH OF TRA RATE INCREASE PER 1,000 GALLONS OF WATER USAGE (\$.27) ON ALL GALLONS OF USAGE, INCLUDING THE FIRST 2,000 GALLONS INCLUDED IN THE MINIMUM BILL

SEWER RATE COMPARISON OF SURROUNDING CITIES

CITY	MINIMUM BILL	# OF GALS IN MINIMUM BILL	BILL FOR 2,000 GALS	RATE PER 1,000 GALS	WINTER AVERAGE BILLED	CUSTOMER BILL 10,000 GALS
BEDFORD	\$11.21	0	\$15.41	\$2.10	Y	\$32.21
EULESS	\$7.75	0	\$14.41	\$3.33	N	\$41.05
GRAPEVINE	\$9.20	2,000	\$9.20	\$3.85	Y	\$40.00
HURST	\$11.16	0	\$18.34	\$3.59	Y	\$47.06
KELLER	\$11.85	0	\$18.45	\$3.30	Y	\$44.85
N RICHLAND HILLS	\$8.39	0	\$13.31	\$2.46	Y	\$32.99
SOUTHLAKE	\$26.16	2,000	\$26.16	\$3.00	N	\$50.16
AVERAGE	\$12.25		\$16.47	\$3.09	Y	\$41.19
COLLEYVILLE CURRENT	\$9.94	2,000	\$9.94	\$2.84	Y	\$32.66
VARIANCE IN RATES	(\$2.31)		(\$6.53)	(\$0.25)		(\$8.53)
AVERAGE	\$12.25		\$16.47	\$3.09	Y	\$41.19
COLLEYVILLE 2015 TRA PASS THROUGH <<	\$10.16	2,000	\$10.16	\$2.95	Y	\$33.76
VARIANCE IN RATES	(\$2.09)		(\$6.31)	(\$0.14)		(\$7.43)

* COLLEYVILLE PROPOSED INCLUDES PASS THROUGH OF TRA RATE INCREASE PER 1,000 GALLONS OF SEWER USAGE (\$1.11) ON ALL GALLONS OF USAGE, INCLUDING THE FIRST 2,000 GALLONS INCLUDED IN THE MINIMUM BILL

RESOLUTION R-14-3781

**REPLACING RESOLUTION R-13-3666 AND ADOPTING A
COMPREHENSIVE FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM FOR
FISCAL YEARS 2015-2019 FOR THE CITY OF COLLEYVILLE, TEXAS**

WHEREAS, planning for capital expenditures is an essential function of local government; and

WHEREAS, a multi-year capital improvement program is an important communication tool for residents and businesses; and

WHEREAS, a multi-year capital improvement program is a valuable tool in addressing infrastructure renewal and replacement needs and an essential part of the City's financial planning.

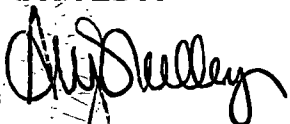
**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF COLLEYVILLE, TEXAS:**

- Sec. 1. THAT this resolution replaces Resolution R-13-3666.
- Sec. 2. THAT the Fiscal Year 2015-2019 Capital Improvement Program attached as Exhibit "A", is hereby adopted.
- Sec. 3. THAT the Capital Improvement Program will be reviewed and updated on an annual basis, or as otherwise necessary.
- Sec. 4. THAT changes to the Capital Improvement Program will require approval of the City Council.

AND IT IS SO RESOLVED.

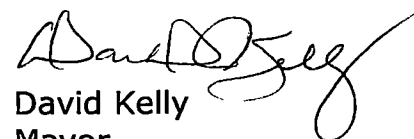
APPROVED BY A VOTE OF 6 AYES, 1 NAYS, AND 0 ABSTENTIONS ON THIS
THE 16TH DAY OF SEPTEMBER 2014.

ATTEST:



Amy Shelley, TRMC
City Secretary

CITY OF COLLEYVILLE



David Kelly
Mayor

Exhibit "A"

FY 2015-2019 Capital Improvement Program

Project Year	Project ID	Title	Total Project Cost	CEDC (Parks, Trails & Libraries)	FWHA/TxDOT	General Fund	Grants/Other	Parkland Dedication Fund	Perimeter Street Fees	TIF	Tomorrow Fund	Utility Fund	Utility Fund - End of Year Transfer	Water Impact Fees	Total Funding	Not Funded
2015	FC15-001	Service Center - Design	250,000	0	0	0	250,000	0	0	0	0	0	0	0	250,000	0
	OT15-002	Temporary Repair of Whites Chapel Road Bridge	150,000	0	0	150,000	0	0	0	0	0	0	0	0	150,000	0
	OT15-003	Reconstruct Bedford Road Retaining Wall	350,163	0	0	350,163	0	0	0	0	0	0	0	0	350,163	0
	PK15-001	Construct New Trail 2015	150,000	150,000	0	0	0	0	0	0	0	0	0	0	150,000	0
	PK15-002	Construct Cottonbelt II Spur @ Webb House	165,000	165,000	0	0	0	0	0	0	0	0	0	0	165,000	0
	PK15-003	Pleasant Run Park and Soccer Field Improvements	200,000	0	0	0	0	200,000	0	0	0	0	0	0	200,000	0
	PK15-005	Pleasant Run Trail Construction (Bogart to Mission)	277,000	277,000	0	0	0	0	0	0	0	0	0	0	277,000	0
	PK15-006	Improvements at Cotton Belt-LD Lockett Park Trailhead	504,137	100,000	0	0	0	404,137	0	0	0	0	0	0	504,137	0
	PK15-007	Future CEDC Projects	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000	0
	PK15-008	Senior Center Repairs	100,000	100,000	0	0	0	0	0	0	0	0	0	0	100,000	0
	PK15-009	Pleasant Run Playground	75,000	0	0	0	0	75,000	0	0	0	0	0	0	75,000	0
	ST15-001	2015 Miscellaneous Concrete Repairs	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	ST15-003	Rehabilitate Jackson Road	267,400	0	0	267,400	0	0	0	0	0	0	0	0	267,400	0
	ST15-005	Pavement Markings 2015	100,000	0	0	100,000	0	0	0	0	0	0	0	0	100,000	0
	ST15-006	Construct Glade Road	5,700,000	0	0	0	0	0	0	5,700,000	0	0	0	0	5,700,000	0
	ST15-007	Misc Major Asphalt Maintenance 2015	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	ST15-008	Construct SH 28, Phase II	14,000,000	0	14,000,000	0	0	0	0	0	0	0	0	0	14,000,000	0
	T15-001	Fiber Build Phase	394,700	0	0	0	0	0	0	0	394,700	0	0	0	394,700	0
	UT15-001	Upsize Utility Lines (Reagan Estates)	662,648	0	0	0	0	0	0	0	0	250,000	360,032	52,616	662,648	0
			24,846,048	1,292,000	14,000,000	1,867,563	250,000	679,137	0	5,700,000	394,700	250,000	360,032	52,616	24,846,048	0
2016	PK16-001	Construct New Trail 2016	150,000	150,000	0	0	0	0	0	0	0	0	0	0	150,000	0
	ST16-004	Design Pleasant Run (Shelton to Tinker)	156,000	0	0	156,000	0	0	0	0	0	0	0	0	156,000	0
	ST16-004	Miscellaneous Concrete Repair	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	ST16-005	Rehabilitate Bandit Trail - 2016 County Project	250,000	0	0	250,000	0	0	0	0	0	0	0	0	250,000	0
	ST16-007	Pavement Markings 2016	100,000	0	0	100,000	0	0	0	0	0	0	0	0	100,000	0
	ST16-009	Misc Major Asphalt Maintenance 2016	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
			1,656,000	150,000	0	1,506,000	0	0	0	0	0	0	0	0	1,656,000	0
2017	PK17-001	Construct New Trail 2017	150,000	150,000	0	0	0	0	0	0	0	0	0	0	150,000	0
	ST16-001	Reconstruct Pleasant Run (Shelton to Tinker)	1,161,800	0	0	1,161,800	0	0	0	0	0	0	0	0	1,161,800	0
	ST17-001	2017 Miscellaneous Concrete Repair	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	ST17-002	Rehabilitate Streets TBD (2017 County Project)	250,000	0	0	250,000	0	0	0	0	0	0	0	0	250,000	0
	ST17-006	Pavement Markings 2017	100,000	0	0	100,000	0	0	0	0	0	0	0	0	100,000	0
	ST17-007	Misc Major Asphalt Maintenance 2017	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	UT17-001	Upsize Utility Lines (Woodbriar/Quail Crest Estates)	2,181,141	0	0	0	0	0	0	0	0	500,000	1,681,141	0	2,181,141	0
			4,822,941	150,000	0	2,511,800	0	0	0	0	0	500,000	1,661,141	0	4,822,941	0
2018	PK18-001	Construct Pleasant Run Trail (Cotton Belt RR to John McCain)	300,000	300,000	0	0	0	0	0	0	0	0	0	0	300,000	0
	ST18-003	Design Pleasant Run (Tinker to John McCain)	321,000	0	0	232,998	0	0	88,002	0	0	0	0	0	321,000	0
	ST18-002	2018 Miscellaneous Concrete Repair	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	ST18-003	Rehabilitate Streets TBD - 2018 County Road Project	250,000	0	0	250,000	0	0	0	0	0	0	0	0	250,000	0
	ST18-006	Pavement Markings 2018	100,000	0	0	100,000	0	0	0	0	0	0	0	0	100,000	0
	ST18-007	Misc Major Asphalt Maintenance 2018	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000	0
	UT18-001	Upsize Utility Lines (Sunrise Terrace, Brighton Oaks) (MOVE TO 2018)	1,889,243	0	0	0	0	0	0	0	0	250,000	1,639,243	0	1,889,243	0
			3,860,243	300,000	0	1,582,998	0	0	88,002	0	0	250,000	1,639,243	0	3,860,243	0

Unfunded

FIVE-YEAR TOTAL[illegible]



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number PC-3

Agenda Date 11/05/2014

Type Pre Council

Department City Secretary

Title

Discussion of the November 5, 2014, City Council regular agenda items



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 1

Agenda Date 11/05/2014

Type Executive Session

Department City Secretary

Title

Section 551.071 - Legal - Consultation with attorney on legal issues raised by public hearing or action items on the agenda

Section 551.071- Legal - Consultation with attorney regarding the tree preservation ordinance and the Overlook subdivision

Section 551.071 - Legal - Consultation with attorney regarding litigation - Billy McCullough v. City of Colleyville

Section 551.071 - Legal - Consultation with attorney regarding litigation - Michael S. Newman v. City of Colleyville and City of Keller

Section 551.072 - Real Estate - Deliberate the purchase, exchange, lease, or value of real property for City facilities

Section 551.087 - Economic Development - Discuss or deliberate regarding commercial or financial information that the City has received from business prospects that the City seeks to have locate, stay, or expand in the City and with which the City is conducting economic development negotiations; deliberate the offer of a financial or other incentive to a business prospect

Attachments

RESOLUTION R-14-3803

**A RESOLUTION APPROVING COUNCIL ACTION
REGARDING EXECUTIVE SESSION ITEMS AT THE REGULAR
CITY COUNCIL MEETING OF
NOVEMBER 5, 2014**

WHEREAS, following discussion in Executive Session, and in full accordance with the requirements of the Open Meetings Act, the City Council determines that the following action is in the best interests of the health, safety and welfare of the public.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT

AND IT IS SO RESOLVED.

APPROVED BY A VOTE OF ____ AYES, ____ NAYS, AND ____ ABSTENTIONS ON THIS THE 5TH DAY OF NOVEMBER 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelley, TRMC
City Secretary

David Kelly
Mayor



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 3

Agenda Date 11/05/2014

Type Announcements, Proclamations, and Presentations

Department City Manager

Title

Proclamation in recognition of American Diabetes Month - Amy Schornick, Chairman, Community Leadership Board, American Diabetes Association

Recognition of the Colleyville Garden Club and Military Veterans who updated the landscaping for the Veterans Memorial at Sparger Park

Recognition of 2014 Wellness Champion Nominees

Attachments

1. Proclamation in recognition of American Diabetes Month
2. Recognition of 2014 Wellness Champion Nominees

Proclamation

CITY OF

Colleyville,
Texas

WHEREAS: over 29 million people in the United States, including over 700,000 in North Texas, have diabetes, a serious disease with potentially life-threatening complications such as heart disease, stroke, blindness, kidney disease, and amputation; and

WHEREAS, an additional 86 million people in the United States are at risk for developing Type 2 diabetes; and

WHEREAS, recent estimates project one in three children born today will have diabetes by the time they are 50 years old, if current trends continue; and

WHEREAS, an increase in diabetes awareness, throughout the community, is the first step in helping millions of Americans to feel better and live a longer, healthier life.

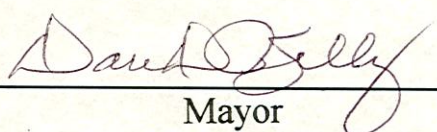
NOW, THEREFORE, I, DAVID KELLY, MAYOR OF THE CITY OF COLLEYVILLE, TEXAS, on behalf of the Colleyville City Council and the citizens of Colleyville, do hereby proclaim November 2014 to be

AMERICAN DIABETES MONTH

and call upon all citizens to recognize American Diabetes Month and join the American Diabetes Association's Stop Diabetes movement to confront, fight, and most importantly, change the future of this deadly disease.

IN WITNESS WHEREOF, I do hereby set my hand and seal of the City of Colleyville, Texas, affixed this 5th day of November 2014.





Mayor



City of Colleyville
2014 Wellness Champion Award
Recognition of Nominees

John Arenz
Police

Mark Cantrell
Fire

Kyle Meeks
Police

William Savage
Fire

Taci Wrisley
Community Development

RESOLUTION R-14-3804

**A RESOLUTION APPROVING CITY COUNCIL ACTION UNDER CONSENT
ITEMS AT THE REGULAR CITY COUNCIL MEETING OF
NOVEMBER 5, 2014**

WHEREAS, City Council has taken action on certain items on the agenda under Consent Items.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF COLLEYVILLE, TEXAS:**

- Sec. 1. THAT the agenda decisions approved by City Council action under Consent Items as follows are hereby adopted:
- a. Approval of the minutes of the regular City Council meeting of October 21, 2014

AND IT IS SO RESOLVED.

APPROVED BY A VOTE OF _____ AYES, _____ NAYS, AND _____ ABSTENTIONS
ON THIS THE 5TH DAY OF NOVEMBER 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelley, TRMC
City Secretary

David Kelly
Mayor



City of Colleyville City Council Minutes - Draft

City Hall
100 Main Street
Colleyville, Texas 76034
817. 503.1000
www.colleyville.com

Tuesday, October 21, 2014

City Council Chambers

Mayor David Kelly called the Pre Council meeting of the Colleyville City Council to order on October 21, 2014, at 5:30 p.m.

ROLL CALL: Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

City Manager Jennifer Fadden, Assistant City Manager and Chief Financial Officer Terry Leake, Executive Director of Development and Infrastructure Chris Fuller, Police Chief Mike Holder, Assistant Police Chief Robert Hinton, Fire Chief Brian Riley, Economic Development Director Marty Wieder, Recreation and Library Director Mary Rodne, Parks Manager James Hubbard, Public Works Director Bob Lowry, City Engineer Jeremy Hutt, Project Engineer Adam Marsh, Finance Manager Karen Hines, Community Development Director Ron Ruthven, Communications and Marketing Director Mona Gandy, Strategic Services Manager Adrienne Lothery, Information Systems Manager Chris Pena, City Attorney Matthew Boyle, and City Secretary Amy Shelley were also present.

PC-1 Update and discussion of the landscaping for the two roundabouts located at the intersection of Cheek-Sparger Road and Jackson Road, and the intersection of Glade Road and Pool Road

City Engineer Jeremy Hutt presented this item and briefed the City Council. Brad Mouton, la terra studio, landscape architect, was also present to answer any questions.

Councilmember Wollin questioned staff regarding if two trees will be planted at Glade Road and Pool Road. Mr. Mouton replied this roundabout will be similar to the one at John McCain, with one tree; however, the other roundabout for Cheek-Sparger Road and Jackson Road will have three.

Councilmember Wollin questioned staff regarding if there will be some evergreens incorporated. Mr. Mouton replied yes.

Councilmember Putnam questioned staff regarding options for signage. Director Lowry replied according to the manual, the options are chevrons or one-way signs.

Councilmember Putnam stated he thought there could be options for placing the signage in the median versus the center island.

Mayor Kelly questioned staff regarding if the signs could be placed appropriately. He added sometimes the roundabouts are over-signed. Engineer Hutt replied yes, the signage is being looked at more closely.

City Manager Jennifer Fadden stated there are options to place the signs on the walls rather than on metal poles; however, if that option is used, the design of the wall may need to be reconsidered.

Councilmember Putnam stated the roundabout looked good before the signs were put in place, but that he understands signs are needed.

Councilmember Mogged questioned staff regarding if there is a difference in the wall height for a variation in signage, or is it to add interest to the landscaping. Engineer Hutt replied he believed it was designed for both concepts. He added the breaks in the walls do add some character, while still accommodating the signs.

City Council concurred with having the signs on the walls.

PC-2 Update and discussion of the Glade Road Project

City Engineer Jeremy Hutt presented the project history; Parks Manager James Hubbard presented the update on the tree impact analysis, and Police Chief Mike Holder presented Glade Road accident data to the City Council.

Councilmember Mogged questioned staff regarding the timing of Phases II and III of the Tree Impact Analysis. Manager Hubbard replied these phases will not be initiated until the agreement of the conceptual design of the roadway. He added that once conceptual design is complete, the tree survey can be overlaid onto the design to see which trees will be impacted by the proposed amenities.

Councilmember Wollin questioned staff regarding the status of the trees. Manager Hubbard replied most trees were graded as fair, especially since most trees have been pruned due to overhead power lines.

Councilmember Mogged questioned staff regarding the impacts of the roadway if improvements are made. Director Lowry replied it is difficult to quantify what causes accidents, besides poor driver behavior, and what will help to eliminate those accidents. Chief Holder stated there are issues when the area is limited for vehicle recovery.

Councilmember Mogged stated primarily it is the driver causing the accidents. He added there may be a need to look at secondary impacts, such as the installation of guardrails like the ones on Cheek-Sparger Road. He suggested taking into consideration the accidents, and how the improvements to the roadway will impact any future accidents.

Councilmember Putnam questioned staff regarding if placing a trail along Glade Road will put pedestrians at some risk. Chief Holder stated not having expertise in the engineering; however, it is certainly feasible that it could happen.

PC-3 Discussion of the October 21, 2014, City Council regular agenda items

Mayor Kelly suggested staff update City Council regarding agenda items 7a, 7b, and 7c. Community Development Director Ron Ruthven presented these items and briefed the City Council.

Councilmember Mogged questioned staff regarding how these will affect the development community. Director Ruthven stated most builders and developers are already operating under the new codes.

Mayor Kelly questioned staff regarding if the code will maintain the fire sprinkler requirement. Director Ruthven replied yes.

Councilmember Putnam questioned staff regarding if this requirement is currently within the amended code. Director Ruthven replied the requirement is maintained through the local amendment adopted in 2005.

Mayor Pro Tem Taylor questioned staff regarding the radio communications between the area cities. Chief Holder replied the area cities do have the ability to communicate with each other through talk zones. Mayor Kelly concurred.

Mayor Pro Tem Taylor questioned staff regarding if there is a national radio channel. Chief Holder replied no.

Mayor Kelly stated there are opportunities for speaking with other communities through the radio channels.

Mayor Kelly stated 5a will be up for a second reading. City Manager Jennifer Fadden explained that there is no longer a super majority vote required.

Mayor Kelly adjourned the Pre Council meeting at 6:14 p.m.

The regular meeting of the Colleyville City Council was called to order by Mayor Kelly at 7:31 p.m.

ROLL CALL: Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

City Manager Jennifer Fadden, Assistant City Manager and Chief Financial Officer Terry Leake, Executive Director of Development and Infrastructure Chris Fuller, Police Chief Mike Holder, Assistant Police Chief Robert Hinton, Fire Chief Brian Riley, Economic Development Director Marty Wieder, Parks Manager James

Hubbard, Public Works Director Bob Lowry, City Engineer Jeremy Hutt, Finance Manager Karen Hines, Community Development Director Ron Ruthven, Building Official Eddie Wilson, Communications and Marketing Director Mona Gandy, Strategic Services Manager Adrienne Lothery, Information Systems Manager Chris Pena, City Attorney Matthew Boyle, and City Secretary Amy Shelley were also present.

1. EXECUTIVE SESSION - In accordance with Texas Government Code, Chapter 551, Subchapter D

Section 551.071 - Legal - Consultation with attorney on legal issues raised by public hearing or action items on the agenda

Section 551.071 - Legal - Consultation with attorney regarding litigation - Billy McCullough v. City of Colleyville

Section 551.071 - Legal - Consultation with attorney regarding litigation - Michael S. Newman v. City of Colleyville and City of Keller

Section 551.072 - Real Estate - Deliberate the purchase, exchange, lease, or value of real property for City facilities

Section 551.087 – Economic Development - Discuss or deliberate regarding commercial or financial information that the City has received from business prospects that the City seeks to have locate, stay, or expand in the City and with which the City is conducting economic development negotiations; deliberate the offer of a financial or other incentive to a business prospect

Mayor Kelly explained the Executive Session had been called in accordance with the Texas Government Code, Chapter 551, Subchapter D, Section 551.071, Legal, Section 551.072, Real Estate, and Section 551.087, Economic Development. He further explained there would be no decisions made or action taken during this time. The meeting was recessed at 6:14 p.m. and reconvened at 6:15 p.m.

INVOCATION: Jackie Stratton, Colleyville Baha'i Community

PLEDGE OF ALLEGIANCE: City Attorney Matthew Boyle

2. EXECUTIVE SESSION: CONSIDER AND TAKE ANY ACTION(S) NECESSARY RELATIVE TO ITEMS DISCUSSED IN EXECUTIVE SESSION - Reading and Public Hearing - Resolution R-14-3797

Mayor Kelly read Resolution R-14-3797 in its entirety.

Mayor Kelly opened the public hearing at 7:35 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 7:35 p.m.

Mayor Pro Tem Taylor moved to approve Resolution R-14-3797. Councilmember Wollin seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

3. ANNOUNCEMENTS, PROCLAMATIONS, AND PRESENTATIONS
Announcements of civic and charitable events
Presentation of calendar events and updates
Announcements of awards and recognition

In recognition of service to a City Board or Committee

Mayor Kelly recognized and presented Jerome Davis, Library Board, 2007-2014 and Carrie Stewart, Metroport Teen Court Advisory Board, 2010-2014, with a *Colleyville Then and Now* history book in recognition of service to the respective boards. Heath Dowell, Senior Center Advisory Committee, 2010-2014, and Mike Patino, Zoning Board of Adjustment and Sign Board of Appeals, 2013-2014, were also recognized for their service even though they were not in attendance.

In recognition of Colleyville's featured business - La Hacienda Ranch, Jeff Lowery, General Manager, 5250 Highway 121 - Mayor David Kelly and Economic Development Director Marty Wieder

Mayor Kelly and Economic Development Director Marty Wieder recognized Jeff Lowery, General Manager of La Hacienda Ranch, as the featured business of the month.

4. CONSENT: READING AND PUBLIC HEARING - Resolution R-14-3798

- 4a** Approval of the minutes of the regular City Council meeting of October 6, 2014
- 4b** Approval of a contract with AquaGreen Global, LLC, for City Park landscape and amenity improvements, in an amount not to exceed \$254,747.90, and authorize the city manager to execute the contract
- 4c** Approval of a contract with Stripe-A-Zone, Inc., in an amount not to exceed \$106,208.61, for the replacement of worn out pavement

markings at various locations throughout the City, and authorize the city manager to execute the contract

- 4d** Approval to purchase four Chevrolet Tahoe patrol vehicles from Caldwell Country Chevrolet in an amount not to exceed \$115,060 through an interlocal purchasing agreement with Tarrant County and approval to purchase one Ford Taurus administrative vehicle, from Silsbee Ford, in an amount not to exceed \$21,011 bid through the Cooperative Purchasing Program with the State of Texas
- 4e** Approval of the disposal and sale of obsolete vehicles
- 4f** Approval of an Interlocal Agreement and funding for the Metroport Teen Court Program
- 4g** Approval of the use of Voluntary Park Funds for professional services for laser grading of City Park competitive athletic fields, in an amount not to exceed \$30,000 for Fiscal Year 2015
- 4h** Approval of the use of Voluntary Park Funds for the replacement of shade fabric panels on athletic field shade structures at City Park in an amount not to exceed \$25,000

Mayor Kelly read Resolution R-14-3798 in its entirety.

Mayor Kelly opened the public hearing at 7:43 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 7:43 p.m.

Councilmember Wollin stated improvements to the landscaping, outlined in agenda item 4b, will freshen up City Park by adding more trees and water efficient plants and bushes. Mayor Kelly concurred.

Mayor Pro Tem Taylor questioned staff regarding item 4d. Police Chief Mike Holder replied the Chevrolet Tahoes are working well for patrol vehicles; however, it will take a few more years to get the historical data on the service cost.

Councilmember Wollin moved to approve Resolution R-14-3798. Councilmember Putnam seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

5. CONTINUED: READING AND PUBLIC HEARING(S)**5a Ordinance O-14-1927**

Consideration of a zoning change from the R-20-Single Family Residential zoning district to the PUD-C-Planned Unit Development Commercial zoning district on 1.36 acres of Lots 1 and 2, Block 1, of the Sunrise Terrace Addition, located at 1105 Glade Road, Case ZC14-009

Mayor Kelly read the caption of Ordinance O-14-1927.

Community Development Director Ron Ruthven updated the City Council regarding this item.

Mayor Kelly opened the public hearing at 7:51 p.m.

Peter Slover, applicant, presented this item and updated the City Council.

Becky Freeman, 1112 Jo Carol, spoke in support of the request, as long as the applicant does not alter from the revised plan.

Lisa Peterson, 1104 Jo Carol Lane, did not wish to speak, but did register her support to this request, as long as the applicant does not alter from the revised plan.

Conrad Rodgers, 1213 Garry Lynne Drive, spoke in support of the revised request.

Jackie Rodgers, 1213 Garry Lynne Drive, did not wish to speak, but registered her support for this request.

There were no others wishing to speak and Mayor Kelly closed the public hearing at 7:55 p.m.

Mayor Pro Tem Taylor questioned Mr. Rodgers regarding the conditions of the approval and his support of such. Mr. Rodgers replied yes, they do support the revised request, and that the developer had provided clarification to the neighbors.

Mayor Pro Tem Taylor questioned Mr. Rodgers regarding the lot grading for drainage. Mr. Rodgers stated the developer has explained that the lot would be lowered either by 18 or 24 inches; however, it is still undetermined at this time for proper drainage, and that the lot will meet the City required standards.

Mayor Pro Tem Taylor stated some of the items in the agreement will become a civil issue once the ordinance is approved, given that these items are not outlined in the ordinance. Mr. Rodgers agreed.

Mayor Pro Tem Taylor questioned Mr. Slover regarding the neighbors' request. He replied he has seen the request. Mr. Slover stated they have looked at the engineering, and he further explained the lot grading process.

Matt Moore, Clay Moore Engineering, came forward to speak about the lot grading.

Councilmember Wollin questioned staff regarding if by accepting the waiver on the building set-back, will the line-of-sight be impaired? Director Ruthven replied no it will not.

Mayor Kelly moved to approve Ordinance O-14-1927. Mayor Pro Tem Taylor seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

5b Ordinance O-14-1926

Request for approval of an amendment to the Future Land Use Map of the Colleyville Master Plan for Lots 1 and 2, Block 1, of the Sunrise Terrace Addition located at 1105 Glade Road, from a Single Family Residential to an Office Land Use Designation, Case GC14-014

Mayor Kelly read the caption of Ordinance O-14-1926.

Community Development Director Ron Ruthven updated the City Council.

Mayor Kelly opened the public hearing at 8:03 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:03 p.m.

Mayor Pro Tem Taylor moved to approve Ordinance O-14-1926. Councilmember Mogged seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

6. ORDINANCE(S): SECOND READING AND PUBLIC HEARING**6a Ordinance O-14-1934**

Consideration of a zoning change from R-20-Single Family Residential zoning district to CN-Neighborhood Commercial zoning district on Lot 18, Block 2, of the Fair Way Addition, located at 8500 Precinct Line Road, Case ZC14-017

Mayor Kelly read the caption of Ordinance O-14-1934.

There was no update given by staff.

Mayor Kelly opened the public hearing at 8:05 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:05 p.m.

Mayor Pro Tem Taylor moved to approve Ordinance O-14-1934. Councilmember Hart seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

6b Ordinance O-14-1935

Consideration of a zoning change from the R-40-Single Family Residential zoning district to the R-30-Single Family Residential zoning district on Tracts 2A and 2A1A, Abstract 233, of the D. R. Blanton Survey, located at 5101 Bluebonnet Drive, Case ZC14-021

Mayor Kelly read the caption of Ordinance O-14-1935.

There was no update given by staff.

Mayor Kelly opened the public hearing at 8:06 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:06 p.m.

Councilmember Wollin moved to approve Ordinance O-14-1935. Councilmember Hart seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

7. ORDINANCE(S): FIRST READING AND PUBLIC HEARING

7a Ordinance O-14-1936

Consideration of adoption of the 2012 edition of the *International Building Code*; adoption of the 2014 edition of the *National Electrical Code*; adoption of the 2012 editions of the *International Residential Code* and the *International Energy Conservation Code*; along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-017

Mayor Kelly read the caption of Ordinance O-14-1936.

Community Development Director Ron Ruthven presented this item and briefed the City Council. Building Official Eddie Wilson also presented this item and briefed the City Council.

Mayor Kelly opened the public hearing at 8:21 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:21 p.m.

Councilmember Mogged questioned staff regarding if the code changes apply strictly to new development or major revisions to existing facilities. Official Wilson replied any alteration or additions to existing buildings will have to comply.

Mayor Pro Tem Taylor questioned staff regarding if this is already standard practice with the builders. Official Wilson concurred.

This was a first reading; therefore, City Council did not take any action.

7b Ordinance O-14-1937

Consideration of adoption of the 2012 editions of the *International Plumbing Code*, *International Fuel Gas Code*, and *International Mechanical Code*, along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-018

Mayor Kelly read the caption of Ordinance O-14-1937.

Community Development Director Ron Ruthven presented this item and briefed the City Council.

Mayor Kelly opened the public hearing at 8:23 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:23 p.m.

This was a first reading; therefore, City Council did not take any action.

7c Ordinance O-14-1938

Consideration of adoption of the 2012 edition of the *International Fire Code*, along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-019

Mayor Kelly read the caption of Ordinance O-14-1938.

Community Development Director Ron Ruthven presented this item and briefed the City Council.

Mayor Kelly opened the public hearing at 8:24 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:24 p.m.

This was a first reading; therefore, City Council did not take any action.

7d Ordinance O-14-1939

Approval of an ordinance ratifying and affirming the appointment of Sara Jane del Carmen as Regional Municipal Court Judge and appointing Leticia Evans as Associate Judge for the Municipal Court of Record for the City of Colleyville through September 30, 2016

Mayor Kelly read the caption of Ordinance O-14-1939.

Assistant City Manager / Chief Financial Officer Terry Leake presented this item and briefed the City Council.

Mayor Kelly opened the public hearing at 8:26 p.m.

There was no one present wishing to speak and Mayor Kelly closed the public hearing at 8:26 p.m.

This was a first reading; therefore, City Council did not take any action.

8. RESOLUTION(S): READING AND PUBLIC HEARING**8a Resolution R-14-3800**

Consideration of a resolution to protect Glade Road in Colleyville, as submitted on a citizen petition received on October 15, 2014

Mayor Kelly read Resolution R-14-3800 in its entirety.

Mayor Kelly opened the public hearing at 8:30 p.m.

Bobby Lindamood, 4913 Jim Mitchell Trail W., spoke in opposition to this proposed resolution, and stated he would like for this item to be denied and agenda item 8b to be approved, so that the petition could be moved forward to the voters.

Elizabeth Zeitlin, 1800 Glade Road, spoke in opposition to this proposed resolution and stated she wished for this item to be denied, so that the petition could be moved forward to the voters.

Gary Lecocq, 5113 Roberts Road, spoke in opposition to this proposed resolution so that the petition could be moved forward to the voters.

Christopher Babin, 1504 Glade Road, spoke in opposition to this proposed resolution so that the petition could be moved forward to the voters.

Steve Whittle, 309 Glade Road, did not wish to speak, but did register his support for this item.

There were no others present wishing to speak and Mayor Kelly closed the public hearing at 8:42 p.m.

Councilmember Putnam moved to deny Resolution R-14-3800. Councilmember Short seconded the motion.

The motion to deny carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

8b Resolution R-14-3801

Approval of a resolution of the City Council, calling a special election to be held on May 9, 2015, in the City of Colleyville, for the purpose of submitting to the qualified voters, of the City of Colleyville, the adoption or rejection of propositions relative to the protection of Glade Road

Mayor Kelly read Resolution R-14-3801 in its entirety.

Mayor Kelly opened the public hearing at 8:45 p.m.

Bobby Lindamood, 4913 Jim Mitchell Trail W., spoke in support of this resolution.

Elizabeth Zeitlin, 1800 Glade Road, spoke in support of this resolution.

Steve Whittle, 309 Glade Road, did not wish to speak, but did register his support for this item.

There were no others present wishing to speak and Mayor Kelly closed the public hearing at 8:48 p.m.

Councilmember Mogged moved to approve Resolution R-14-3801. Councilmember Wollin seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

9. CITIZEN COMMENTS/PRESENTATIONS REGARDING ITEMS NOT ON THE AGENDA

Bobby Lindamood, 4913 Jim Mitchell Trail W., stated he would like City Council to take into consideration the landscaping in the roundabouts as outlined in the Pre Council discussion. He said it is difficult to see around the landscaping to see vehicles coming around the roundabout.

Kathy Hadley, 204 Timberline Drive North, stated there does not need to be landscaping in the roundabouts. She expressed her appreciation to Mayor Pro Tem Taylor for his response to the pothole at the end of her street. She stated having concerns for the homes to be built at the corner of Bransford Road and Oak Valley Drive and Glade Road across the street from Riverwalk Drive.

10. REPORTS

Colleyville Tree Board Meeting Minutes - October 21, 2013

Parks and Recreation Advisory Board Meeting Minutes - July 28, 2014

Park Land Dedication Committee Meeting Minutes - July 28, 2014

Monthly Financial Report - September 2014

There was no discussion of this item.

11. ACTION/RESOLUTION: DISCUSSION AND CONSIDERATION OF A RESOLUTION RATIFYING COUNCIL AGENDA ACTION FOR OCTOBER 21, 2014 - Reading and Public Hearing - Resolution R-14-3802

This resolution was not needed.

12. ADJOURNMENT

There being no further business before the City Council, Councilmember Putnam moved to adjourn, and Councilmember Hart seconded the motion.

The motion to approve carried by the following vote:

Aye: 7 – Mayor David Kelly, Mayor Pro Tem Mike Taylor, and Councilmembers Carol Wollin, Chuck Mogged, Chris Putnam, Jody Short, and Tom Hart

Mayor Kelly adjourned the City Council meeting at 8:58 p.m.

APPROVED BY A VOTE OF __ AYES, __ NAYS, AND __ ABSTENTIONS ON THIS THE 5TH DAY OF NOVEMBER 2014.

Minutes taken and prepared by:

*Amy Shelley, TRMC
City Secretary*



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 5a

Agenda Date 11/05/2014

Number Ordinance O-14-1936

Type Ordinance

Department Community Development

Title

Consideration of adoption of the 2012 edition of the *International Building Code*; adoption of the 2014 edition of the *National Electrical Code*; adoption of the 2012 editions of the *International Residential Code* and the *International Energy Conservation Code*; along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-017

Explanation

Second Reading and Public Hearing

There were no speakers regarding this request at the October 21, 2014 City Council meeting.

First Reading and Public Hearing

This item serves as one of three separate ordinance considerations as part of the 2012 code updates.

Staff proposes to adopt the 2012 editions of the *International Building Code*, *International Residential Code*, and *International Energy Conservation Code*, and the 2014 edition of the *National Electrical Code*. The City of Colleyville is currently operating under the 2003 editions of the *International Building Code*, the *International Residential Code*, and the 2002 edition of the *National Electrical Code*. Although not formally adopted by the City, the State of Texas requires all new construction performed on or after January 1, 2010 to comply with *2009 International Energy Conservation Code* and requires local governments to ensure compliance. Likewise, as of September 1, 2011, the State of Texas declared the 2011 *National Electrical Code* to be the "minimum standard" for all electrical work performed in Texas. Therefore, the City began enforcing the *2011 National Electrical Code* after this time.

Code construction under the 2003 codes represents a substantial time lapse in the enforcement of current codes and the adoption of the 2012 codes will bring Colleyville in line with most North Texas cities. Since the code updates will make Colleyville more consistent with other area cities, any impacts on the development community and citizens will be minimal, if barely noticeable, as most area contractors are accustomed

to using the more recent codes.

As part of the code updates, Ordinance O-05-1509 (attached) and Ordinance O-05-1511 (attached) are proposed to be repealed. Ordinance O-05-1509, approved by the City Council on February 15, 2005, adopted the *2003 International Building Code*. Ordinance O-05-1511, approved by the City Council on February 15, 2005, adopted the *2002 National Electrical Code*.

Included as part of the updates, are the recommended local amendments to the code updates adopted by reference. Staff has been participating in the North Central Texas Council of Governments (NCTCOG) Regional Codes Coordinating Committee(RCCC). The RCCC reviews all the building codes and develops a list of local amendments that can be adopted by the area cities in the North Central Texas region. Cities and contractors benefit from adopting a standardized set of local building amendments.

Attached is a presentation summarizing the proposed changes and the proposed ordinance approving the amendments for the adoption of the new International Codes. Upon approval, the new ordinance will be incorporated into the Colleyville Code of Ordinances. Copies of the International Codes, *National Electrical Code*, and the regional amendments will be on file in the City Secretary's Office. The new codes will become effective immediately upon approval by the City Council.

Notice of the code updates have been placed on the department's web page and at the front counter in the Community Development department. Staff will be holding a first ever builder and developer roundtable on October 29, 2014 to explain the code updates and cover other topics to the development community.

Examples of changes included in the *2012 International Building Code* include:

- Ambulatory Care Facilities: For medical uses where someone can be placed under general anesthesia, fire suppression systems may be required
- Photovoltaic (Solar) Systems: Rooftop systems must now meet wind and fire requirements
- Occupancy Classification of Commercial Kitchens: Changes to occupancy class for a commercial kitchen based on the type of dining facility the kitchen serves

Financial Impact

There is no financial impact to the City.

Recommendation

Approve

Attachments

1. 2012 ICC Code Adoption Presentation
2. Ordinance O-05-1509
3. Ordinance O-05-1511
4. Ordinance O-14-1936

2012 ICC CODE ADOPTION





Code Adoption by Area Cities

	<u>Code Version</u>
• Colleyville	2003
• Grapevine	2006 (2012 to be adopted in near future)
• NRH	2006 (2012 to be adopted in near future)
• Bedford	2009
• Euless	2009
• Flower Mound	2012
• Hurst	2012
• Keller	2012
• Southlake	2012
• Westlake	2012



International Codes Recommended Adoption

- Building Code (IBC)
- Residential Code (IRC)
- Energy Conservation Code (IECC)
- Plumbing Code (IPC)
- Fuel Gas Code (IFGC)
- Mechanical Code (IMC)
- Fire Code (IFC)
- Note: The Property Maintenance Code (IPMC) is anticipated to be adopted around FY 2016.

ICC Code Adoption Process

International
Code Council (ICC)
develops model
codes and
standards

Code changes are
proposed by any
interested party

Code changes are
ratified at the ICC
Code Hearings,
which occurs
every 3 years

New codes are
published

Regional Amendments

- Regional code amendments are promoted through the North Central Texas Council of Governments (NCTCOG)
- Standardization of model construction codes for region...
 - simplify the construction process
 - advance the safety of building systems
 - encourage common code interpretation
 - facilitate the mobility of contractors
 - reduce training and construction costs

NCTCOG Codes Coordinating Committee



- Regional Codes Coordinating Committee (RCCC)
 - Comprised of 28 Code Officials and Industry Reps
 - Appoint advisory boards and oversee code amendment process
- Advisory Boards - review proposed amendments and forward their findings to the RCCC
 - Building and Residential
 - Electrical
 - Energy and Green
 - Fire
 - Plumbing, Fuel Gas, and Mechanical



IBC Sample Code Changes

- Ambulatory Care Facilities

For medical uses where someone can be placed under general anesthesia, fire suppression systems may be required

- Photovoltaic (Solar) Systems

Rooftop systems must now meet wind and fire requirements

- Occupancy Classification of Commercial Kitchens

Changes to occupancy class for a commercial kitchen based on the type of dining facility the kitchen serves

IRC Sample Changes

- Carbon Monoxide Alarms

Required in new homes in each bedroom

- Window Fall Protection

New window standards for windows over six feet high; designed to protect children from falling

- Kitchen Make-Up Air

For large kitchen exhaust systems, a reciprocal air intake system is required in order to avert negative pressure in the home created by the exhaust system



IFC Sample Code Changes

- Emergency Egress Lighting Testing

New monthly emergency lighting test requirements

- Traffic Calming Devices

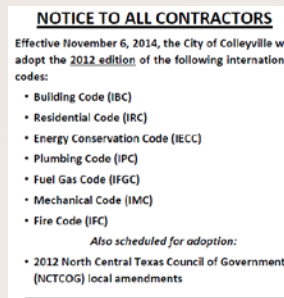
Requires Fire Marshal to approve any traffic calming device in a fire lane/fire apparatus road

- Emergency Responder Radio Coverage in New Buildings

New commercial buildings must have radio coverage for first responders when constructed with exceptions approved by Fire Marshal

New Code Implementation

- Effective date of new codes is the day after adoption (Projected to be November 6, 2014)
- Open meeting with builders, contractor, designers, and the general public scheduled for October 29, 2014
- Notices posted on City's website and in the Community Development Department



- Copies of building codes and amendments available in the City Secretary's Office
- Informational Note: Most builders, contractors, and designers are currently complying with the 2012 codes

ORDINANCE O-05-1509

AN ORDINANCE OF THE CITY OF COLLEYVILLE, TEXAS, AMENDING CHAPTER 18, ARTICLE II AND CHAPTER 22, ARTICLE II OF THE CODE OF ORDINANCES OF THE CITY OF COLLEYVILLE, TEXAS TO ADOPT THE 2003 EDITION OF THE INTERNATIONAL BUILDING CODE, THE 2003 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE AND THE 2003 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE AND TO ESTABLISH A CONTRACTOR'S BOARD OF APPEALS; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS RECOMMENDED BY THE REGIONAL CODES COMMITTEE OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS; PROVIDING FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR AN EFFECTIVE DATE; PROVIDING A PENALTY AND AUTHORIZING PUBLICATION.

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the citizens of Colleyville, Texas to adopt the 2003 Edition of the International Building Code, the 2003 Edition of the International Residential Code and the 2003 Edition of the International Energy Conservation Code; and

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the citizens of Colleyville, Texas to additionally adopt the local amendments to the 2003 Edition of the International Building Code, the 2003 Edition of the International Residential Code and the 2003 Edition of the International Energy Conservation Code as recommended by the Regional Codes Committee of the North Central Texas Council of Governments; and

WHEREAS, notice of a public hearing before the City Council was published in a newspaper of general circulation in Colleyville at least 15 days before such hearing.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT Chapter 18, Section 18-14, paragraph (a), of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(a) *Adopted.* The International Building Code, 2003 edition, as recommended by the International Code Council, one copy of which is on file in the Office of the City Secretary, is hereby adopted and incorporated by reference and made a part of this article as the building code of the City, subject to and including by reference such amendments, corrections, and additions as shall appear in this article.

Sec. 2. THAT Chapter 18, Section 18-14, paragraph (c), of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(c) *Amendments.* The International Building Code, 2003 edition, as recommended by the International Code Council is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for buildings and structures in the City of Colleyville, Texas, which are as follows:

Sec. 3. THAT Chapter 18, Section 18-14, paragraph (c), (1) through paragraph (c), (51), of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Section 101.2; exception 2, change to read as follows:

2. Existing buildings undergoing repair, alterations or additions, and change of occupancy shall be permitted to comply with the *International Existing Building Code* with prior approval of the Building Official. Otherwise see Chapter 34.

2. Section 101.4; change to read as follows:

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.7 and referenced elsewhere in this code, when specifically adopted, shall be considered part of the requirements of this code to the prescribed extent of each such reference. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC *Electrical Code* shall mean the Electrical Code as adopted.

3. Section 109.3.5; delete.

4. Section 112 – Board of Appeals, delete.

5. Section 202; add a new definition to read as follows:

HIGH-RISE BUILDING. A building having any floor used for human occupancy located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.

6. Section 302.1.1, change to read as follows:

302.1.1 Incidental use areas. Spaces which are incidental to the main

occupancy shall be separated or protected, or both, in accordance with Table 302.1.1. Areas that are incidental to the main occupancy shall be classified in accordance with the main occupancy of the portion of the building in which the incidental use area is located.

Exception: Incidental use areas within and serving a dwelling unit are not required to comply with this section.

7. Section 302.2.1; change to read as follows:

302.2.1 Assembly areas. Accessory assembly areas are not considered separate occupancies if the floor area is equal to or less than 750 square feet (69.7 m²). Assembly areas that are accessory to Group E occupancies are exempt from the separation requirements of Table 302.3.2 and are considered Group E occupancies only for the application of Table 503. *{Last sentence to remain unchanged}*

8. Table 302.2; change the footnote reference in row R-3, R-4, column U, from "d" to "f" and add foot note "f" to read as follows:

f. See Section 406.1.4.

9. Section 303.1; change to read as follows:

303.1 Assembly Group A. *{1st four sentences to remain unchanged}*. Assembly areas which are accessory to Group E occupancies are exempt from the separation requirements of Table 302.3.2 and are considered Group E occupancies only for the application of Table 503. *{Last sentence to remain unchanged}*

10. Section 304.1; add the following to the list of occupancies:

Fire stations
Police stations with detention facilities for 5 or less

11. Section 403.1, change to read as follows:

403.1 Applicability. The provisions of this section shall apply to buildings having any occupied floors located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.

12. Section 403.1, exception 3; change to read as follows:

3. Buildings with an occupancy in Group A-5 in accordance with Section 303.1 when used for open air seating; however, this exception does not

apply to accessory uses including but not limited to sky boxes, restaurants and similarly enclosed areas.

13. Section 403.2, exception 3; delete.

14. Section 404.1.1; change definition of "Atrium" as follows:

ATRIUM. An opening connecting three or more stories . . . *{Balance remains unchanged}*

15. Section 406.1.4; add item 4 to read as follows:

4. A separation is not required between a Group R-2 and U carport provided that the carport is entirely open on all sides and that the distance between the two is at least 10 feet (3048 mm).

16. Section 406.6.1; add a second paragraph to read as follows:

This occupancy shall include garages involved in servicing of motor vehicles for items such as lube changes, inspections, windshield repair or replacement, shocks, minor part replacement and other such non-major repair. When the repair garage is only involved in such minor repair, it need not comply with Section 406.6.2.

17. Section 506.2.2; add a sentence to read as follows:

In order to be considered as accessible, if not in direct contact with a street or fire lane, a minimum 10-foot wide pathway from the street or approved fire lane must be provided. (See *International Fire Code* Section 503.1.1 for hose lay measurement pathway requirements.)

18. Table 602; amend footnote b by the addition of the following sentence:

- b. Group R-3 and Group U when used as accessory to Group R-3, as applicable in 101.2 shall be required to have a fire-resistance rating where fire separation distance is 3 feet or more. Group R-2 and Group U carport, as applicable in 406.1.4, exception 4 shall be required to have a fire-resistance rating where fire separation distance is 10 feet or less.

19. Section 705.11; change the exception to read as follows:

Exception: For other than hazardous exhaust ducts, penetrations by ducts and air transfer openings of . . . *{remainder of exception unchanged}*.

20. Section 707.2, change exception 7 as follows:

{7, 7.1, 7.2 and 7.3 are unchanged}

7.4 Is separated from floor openings... *{remainder of exception unchanged}*

21. Section 716.5.2; add exception 4 to read as follows:

4. In the duct penetration of the separation between the private garage and its residence when constructed in accordance with Section 406.1.4, exception 2.

22. Section 902.1; under "Standpipe, Types of" definition amend "Manual dry" by adding a sentence to read as follows:

The system must be supervised as specified in Section 905.9.

23. Section 903.2; delete exception.

24. Section 903.2.8.3 to read as follows:

903.2.8.3 Self-service storage facility. An automatic sprinkler system shall be installed throughout all self-service storage facilities.

Exception:

One-story self-service storage facilities that have no interior corridors, with a one-hour fire barrier separation wall installed between every storage compartment.

25. Section 903.2.10; amend 903.2.10.3 and add 903.2.10.4, 903.2.10.5, and 903.2.10.6 as follows:

903.2.10.3 Buildings more than 35 feet in height. An automatic sprinkler system shall be installed throughout buildings with a floor level, other than penthouses in compliance with Section 1509 of the *International Building Code*, that is located 35 feet (10 668mm) or more above the lowest level of fire department vehicle access.

Exception: Open parking structures in compliance with Section 406.3 of the *International Building Code*.

903.2.10.4 High-Piled Combustible Storage. For any building with a clear height exceeding 12 feet (4572 mm), see Chapter 23 to determine if those provisions apply.

903.2.10.5 Spray Booths and Rooms. New and existing spray booths and spraying rooms shall be protected by an approved automatic fire-

extinguishing system.

903.2.10.6 Buildings Over 6,000 sq. ft. An automatic sprinkler system shall be installed throughout all buildings with a building area over 6,000 sq.ft. For the purpose of this provision, fire walls shall not define separate buildings.

Exceptions:

1. Open parking garages in compliance with Section 406.3 of the *International Building Code*.
2. Type A-5.

26. Section 903.3.1.1.1; change to read as follows:

903.3.1.1.1 Exempt locations. When approved by the code official, automatic sprinklers shall not be required in the following rooms or areas where such . . . {bulk of section unchanged} . . . 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 code official.
3. Generator and transformer rooms, under the direct control of a public utility, 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.

27. Section 903.3.5; add a second paragraph to read as follows:

Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10 psi safety factor.

28. Section 903.4; add a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

29. Add Section 903.6.2 to read as follows:

903.6.2 Spray booths and rooms. New and existing spray booths and spray rooms shall be protected by an approved automatic fire-extinguishing system in accordance with IFC Section 1504.

30. Section 905.2; change to read as follows:

905.2 Installation standards. Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.

31. Section 905.3.2; delete exceptions 1 and 2.

32. Section 905.4, item 5; change to read as follows:

5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), each standpipe shall be provided with a two-way hose connection located either . . . {*remainder of paragraph unchanged*} . . .

33. Section 905.9; add a second paragraph after the exceptions to read as follows:

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

34. Add Section 907.1.3 to read as follows:

907.1.3 Design Standards. All alarm systems new or replacement serving 50 or more alarm actuating devices shall be addressable fire detection systems. Alarm systems serving more than 75 smoke detectors or more than 200 total alarm activating devices shall be analog intelligent addressable fire detection systems.

Exception: Existing systems need not comply unless the total building remodel or expansion initiated after the effective date of this code, as adopted, exceeds 30% of the building. When cumulative building remodel or expansion exceeds 50% of the building must comply within 18 months of permit application.

35. Section 907.2.3; change to read as follows:

907.2.3 Group E. A manual fire alarm system shall be installed in Group E educational occupancies. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100' open space, all buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm systems.

36. Section 907.2.3; change exception 1 and add exception 1 to read as follows:

1. Group E educational and day care occupancies with an occupant load of less than 50 when provided with an approved automatic sprinkler system.
1.1 Residential In-Home day care with not more than 12 children may use interconnected single station detectors in all habitable rooms. (For care of more than five children 2 1/2 or less years of age, see Section 907.2.6.)

37. Section 906.2.12 change to read as follows:

907.2.12 High-rise buildings. Buildings having any floor used for human occupancy located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access shall be provided with an automatic fire alarm system and an emergency voice/alarm communications system in accordance with Section 907.2.12.2.

38. Section 907.2.12, exception 3; change to read as follows:

3. Buildings with an occupancy in Group A-5 in accordance with Section 303.1, when used for open air seating; however, this exception does not apply to accessory uses including but not limited to sky boxes, restaurants and similarly enclosed areas.

39. Section 907.3; add a second paragraph to read as follows:

Manual alarm actuating devices shall be an approved double action type.

40. Add Section 907.5.1 to read as follows:

907.5.1 Installation. All fire alarm systems shall be installed in such a manner that the failure of any single alarm-actuating or alarm-indicating device will not interfere with the normal operation of any other such devices. All systems shall be Class "A" wired with a minimum of six feet separation between supply and return loops. IDC – Class "A" style – D – SLC Class "A" Style 6 – notification Class "B" Style Y.

41. Section 907.8.2; change to read as follows:

907.8.2 High-rise buildings. In buildings that have any floor located more than 55 feet (16 764 mm) above the . . . *{remainder of section unchanged}*.

42. Section 1008.1.3.4; add criteria 7 as follows:

7. If a full building smoke detection system is not provided, approved smoke detectors shall be provided on both the access and egress sides of doors and in a location approved by the authority having jurisdiction of NFPA 72. Actuation of a smoke detector shall automatically unlock the door.

43. Section 1016.1; add an exception 5 to read as follows:

5. In Group B office buildings, corridor walls and ceilings need not be of fire resistive construction within office spaces of a single tenant when the space is equipped with an approved automatic smoke-detection system within the corridor. The actuation of any detector shall activate alarms audible in all areas served by the corridor. The smoke-detection system shall be connected to the building's fire alarm system where such a system is provided.

44. Section 1019.1.8; change to read as follows:

1019.1.8 Smokeproof enclosures. In buildings required to comply with Section 403 or 405, each of the exits of a building that serves stories where any floor surface is located more than 55 feet (16 764 mm) above the lowest level of fire . . . *{remainder of section unchanged}*.

45. Section 1101.2; add an exception to read as follows:

Exception: Buildings regulated under State Law and built in accordance with State certified plans, including any variances or waivers granted by the State, shall be deemed to be in compliance with the requirements of this Chapter.

46. Section 1109.2.1; change to read as follows:

1109.2.1 Unisex toilet and bathing rooms. In assembly and mercantile occupancies, an accessible unisex toilet room shall be provided where an aggregate of six or more male or female water closets is provided. In buildings of mixed occupancy, only those water closets . . . *{remainder of section unchanged}*.

47. Section 1210.2; exception 2; change to read as follows:

2. Toilet rooms that are not accessible to the public and which have not more than one water closet; provided that walls around urinals comply with the minimum surrounding material specified by Section 419.3 of the *International Plumbing Code*.

48. Section 1403.3; change to read as follows:

1403.3 Vapor retarder. In all framed walls, floors and roof/ceilings comprising elements of the building thermal envelope, a vapor retarder, when installed, shall be installed in a manner so as to not trap moisture. Vapor retarders shall be tested in accordance with ASTM E 96.

(delete all exceptions)

49. Table 1505.1; replace footnotes b and c with the following:

- b. All individual replacement shingles or shakes shall be in compliance with the rating required by this table.
- c. Non-classified roof coverings shall be permitted on buildings of U occupancies having not more than 120 sq.ft. of projected roof area. When exceeding 120 sq.ft of projected roof area, buildings of U occupancies may use non-rated non-combustible roof coverings.

50. Section 1505.7; delete.

51. Add Section 2308.2.3 to read as follows:

2308.2.3 Application to engineered design. When accepted by the Building Official, any portion of this section is permitted to apply to buildings that are otherwise outside the limitations of this section provided that:

1. The resulting design will comply with the requirements specified in Chapter 16;
2. The load limitations of various elements of this section are not exceeded; and
3. The portions of this section which will apply are identified by an engineer in the construction documents.

52. Section 2901.1; add a sentence to read as follows:

The provisions of this Chapter are meant to work in coordination with the provisions of Chapter 4 of the *International Plumbing Code*. Should any conflicts arise between the two chapters, the Building Official shall determine which provision applies.

53. Section 2902.1, 2902.1.1 and 2902.1.2; change to read as follows and add sub sections:

2902.1 Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number as follows:

1. Assembly Occupancies: At least one drinking fountain shall be provided at each floor level in an approved location.

Exception: A drinking fountain need not be provided in a drinking or dining establishment.

2. Groups A, B, F, H, I, M and S Occupancies: Buildings or portions thereof where persons are employed shall be provided with at least one water closet for each sex except as provided for in Section 2902.2.
3. Group E Occupancies: Shall be provided with fixtures as shown in Table 2902.1.
4. Group R Occupancies: Shall be provided with fixtures as shown in Table 2902.1.

It is recommended, but not required, that the minimum number of fixtures provided also comply with the number shown in Table 2902.1. Types of occupancies not shown in Table 2902.1 shall be considered individually by the code official. The number of occupants shall be determined by this code. Occupancy classification shall be determined in accordance with Chapter 3.

2902.2 Finish material. Finish materials shall comply with Section 1210.

Sec. 4. THAT Chapter 18, Section 18-16, paragraph (a), of the Code of Ordinances of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

- (a) *Adopted.* The International Residential Code, 2003 edition, as recommended by the International Code Council, one copy of which is on file in the Office of the City Secretary, is hereby adopted and incorporated by reference and made a part of this article as the building code of the City, subject to and including by reference such amendments, corrections, and additions as shall appear in this article.

Sec. 5. THAT Chapter 18, Section 18-16, paragraph (c), of the Code of Ordinances of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

- (c) *Amendments.* The International Residential Code, 2003 edition, as

recommended by the International Code Council is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for buildings and structures in the City of Colleyville, Texas, which are as follows:

Sec. 6. THAT Chapter 18, Section 18-16, paragraph (c), (1) through paragraph (c), (79), of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Section R102.4; change to read as follows:

R102.4 Referenced codes and standards. The codes, when specifically adopted, and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference made to NFPA 70 or the ICC *Electrical Code* shall mean the Electrical Code as adopted.

Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

Exception: Where enforcement . . . *{remainder of exception unchanged}*. . . .

2. Section R105.2, item 1; change as follows:

1. One-story detached accessory structures, provided the floor area does not exceed 120 square feet (11.15 m²).

3. Section R109.1.3; change to read as follows:

R109.1.3 Floodplain inspections. For construction permitted in areas prone to flooding as established by Table R301.2(1), upon . . . *{bulk of section unchanged}* . . . construction, the building official may require submission . . . *{remainder of section unchanged}*.

4. Section R110 (R110.1 through R110.4); delete.

5. Sections R112.1, R112.2, R112.2.1, R112.2.2, R112.3 & R112.4 delete.

6. Section R202, change definition of "Townhouse" to read as follows:

TOWNHOUSE. A single-family dwelling unit constructed in a group of

attached units separated by property lines in which each unit extends from foundation to roof and with open space on at least two sides.

7. Section R202, add definition of "Naturally durable wood" as follows:

NATURALLY DURABLE WOOD. The heartwood of the following species with the exception that an occasional piece with corner sapwood is permitted if 90 percent or more of the width of each side on which it occurs is heartwood.

Decay resistant. Redwood, cedars, black locust and black walnut.

Termite resistant. Redwood and Eastern red cedar.

8. Table R301.2(1); fill in as follows:

GROUND SNOW LOAD	WIND SPEED ^{ed} (mph)	SEISMIC DESIGN CATEGORY ^{gn}		
5 lb/ft ²	90 (3-sec-gust)/75 fastest mile	A		
SUBJECT TO DAMAGE FROM				
Weathering ^a	Frost line depth ^b	Termite ^c	Decay ^d	
moderate	6"	very heavy		
WINTER DESIGN TEMP ^{fe}	ICE SHIELD UNDER-LAYMENT REQUIRED ^{ih}	FLOOD HAZARDS ^{hg}	AIR FREEZING INDEX ^{il}	MEAN ANNUAL TEMP ^{ki}
22°F	No	local code	69°F	64.9°F

For SI: 1 pound per square foot = 0.0479 kN/m.⁰², 1 mile per hour = 1.609 km/h.

- a. No revisions.
- b. No revisions.
- c. No revisions.
- d. No further revisions.
- e. No further revisions.
- f. No further revisions.
- g. No further revisions.
- h. No further revisions.
- i. No further revisions.
- j. No further revisions.

9. Figure R 301.2(7); delete and renumber figures as needed.

10. Section R302.1; add a second exception as follows:

Exceptions:

- 1. Tool and storage sheds, playhouses and similar structures exempted

from permits by Section R105.2 are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line.

2. Open metal carport structures may be constructed within zero (0) feet of the property line without fire-resistive or opening protection when the location of such is approved as required by other adopted ordinances.

11. Section R303.3, exception; change to read as follows:

Exception: The glazed areas shall not be required where artificial light and a mechanical ventilation system, complying with one of the following, are provided.

1. The minimum ventilation rates shall be 50 cfm (23.6 L/s) for intermittent ventilation or 20 cfm (9.4 L/s) for continuous ventilation. Ventilation air from the space shall be exhausted directly to the outside.
2. Bathrooms that contain only a water closet, lavatory or combination thereof may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

12. Section R303.8; change to read as follows:

R303.8 Required heating. Every dwelling unit shall be provided with heating facilities capable of maintaining a minimum room temperature of 68°F (20°C) at a point 3 feet (914 mm) above the floor and 2 feet (610 mm) from exterior walls in all habitable rooms at the design temperature. *{Remainder of section unchanged}*

13. Section R311.2.2; change to read as follows:

R311.2.2 Under stair protection. Enclosed accessible space under stairs shall have walls, under stair surface and any soffits protected on the enclosed side with 5/8-inch (15.8 mm) fire-rated gypsum board or one-hour fire-resistive construction.

14. Section R317.1; add a second exception to read as follows:

Exceptions:

1. *{existing exception unchanged}*
2. Two-family dwelling units that are also divided by a property line through the structure shall be separated as required for townhouses.

15. Section R318; delete.

16. Sections R319 and R320; change to read as follows:

Revise Section R319.1 to read as follows:

R319.1 Location required. Protection from decay shall be provided in the following locations by the use of naturally durable wood or wood that is pressure preservatively treated in accordance with AWWA C1, C2, C3, C4, C9, C15, C18, C22, C23, C24, C28, C31, C33, P1, P2, and P3.

1. *No revision.*
2. *No revision.*
3. *No revision.*
4. *No revision.*
5. *No revision.*
6. *No revision.*
7. *No revision.*

R319.1.1 Field treatment. Field cut ends, notches and drilled holes of pressure preservatively treated wood shall be retreated in the field in accordance with AWWA M4.

Renumber existing sections R319.1.1 (Ground contact) through R319.1.4 (Wood columns).

Delete Section R320.1 and substitute the following:

R320.1 Subterranean termite control. In areas favorable to termite damage as established by Table R 301.2 (1), methods of protection shall be by one of the following: or any combination of these methods.

R 320.1.1 Pressure preservatively treated or naturally durable wood shall be provided as per HUD standards. Pressure perservatively treated wood shall be treated in accordance with the standards cited in R 319.1.

R 320.1.1.1 Quality Mark. Lumber and plywood required to be pressure preservatively treated in accordance with R324.1 shall bear the quality mark of an approved inspection agency which maintains continuing supervision, testing, and inspection over the quality of the product and which has been approved by an accreditation body which complies with the requirements of the American Lumber Standards Committee treated wood program.

R320.1.1.2 Field treatment. Field cut ends, notches and drilled holes of pressure preservatively treated wood shall be retreated in the field in accordance with AWWA M4.

Revise sections R320.2 through R320.4 as follows:

R320.1.2 Pesticide treatment. The concentrations, rate of application and treatment methods of the termiticide shall be consistent with the termiticide label. Pesticide treatment shall be provided using methods approved by the Environmental Protection Agency and the Texas Structural Pest Control Board.

R320.1.3 Physical Barriers. Physical barriers shall be installed as recognized by Texas Structural Pest Control Board.

R320.2 Foam plastic protection. *{Remainder of section unchanged.}*

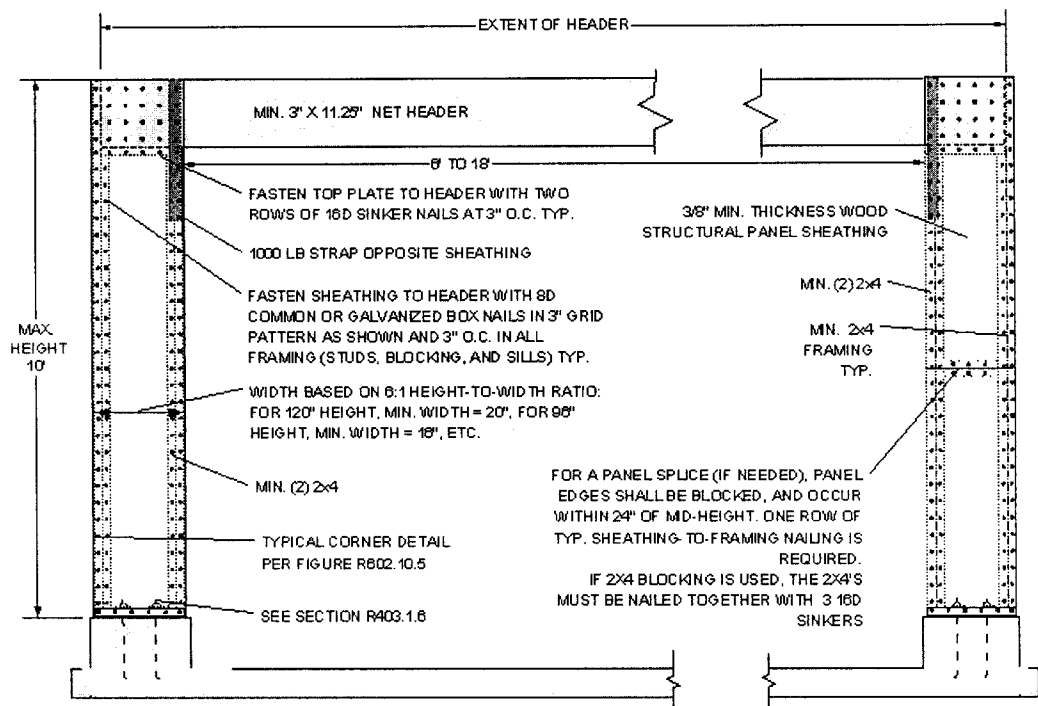
17. Section R323.1; change to read as follows:

R323.1 General. Buildings and structures, when permitted to be constructed in flood hazard areas . . . *{bulk of section unchanged}* . . . shall be designed and constructed as required in accordance with the provisions contained in this section or by other local provisions as applicable.

18. Section R602.10.5; add the following exception and figure:

Exception: Vertical wall segments in the first of one- or first of two-story buildings next to garage openings shall be permitted to have a 6:1 height-to-width ratio (with height being measured from top of header to sill plate) when constructed in accordance with the following provisions. Each panel shall have a length of not less than 16 inches (406 mm) and a height of not more than 10 feet (3048 mm). Each panel shall be sheathed on one face with a single layer of 3/8-inch-minimum-thickness (9.5 mm) wood structural panel sheathing nailed with 8d common or galvanized box nails in accordance with Figure R602.10.5(2). The wood structural panel sheathing shall extend up over the solid sawn or glued-laminated header and shall be nailed in accordance with Figure R602.10.5(2). The header shall extend between the inside faces of the first full-length outer studs of each panel. The clear span of the header between the inner studs of each panel shall be not less than six feet (1829 mm) and not more than 18 feet (5486 mm) in length. A strap with an uplift capacity of not less than 1000 pounds (454 kg) shall fasten the header to the side of the inner studs opposite the sheathing. Two anchor bolts shall be installed in accordance with Section R403.1.6, and plate washers shall be a minimum of 2 inches by 2 inches by 3/16 inch (51 mm by 51 mm by 4.88 mm) thick and shall be used on each bolt. This exception is only permitted in Seismic Design Categories A-C.

Figure R602.10.5(2)
GARAGE DOOR BRACED WALL PANEL
FOR USE WITH CONTINUOUSLY SHEATHED WALLS



19. Section R703.7.4.1; add a second paragraph to read as follows:

For $3\frac{1}{4}$ square feet (0.302 m²) of wall area, the following dimensions shall be adhered to:

1. When ties are placed on studs 16 in (407 mm) o.c., they shall be spaced no further apart than 29 in (737 mm) vertically starting approximately 15 in (381 mm) from the foundation.
2. When ties are placed on studs 24 in (610 mm) o.c., they shall be spaced no further apart than 19 in (483 mm) vertically starting approximately 10 in (254 mm) from the foundation.

20. Add Section R902.3 to read as follows:

R902.3 Minimum Roof Class. All roof coverings shall be a minimum Class C. All individual replacement shingles or shakes shall be a minimum Class C.

Exception: Non-classified roof coverings shall be permitted on buildings of U occupancies having not more than 120 sq.ft. of projected roof area. When exceeding 120 sq.ft. of projected roof area, buildings of U occupancies may use non-rated non-combustible coverings.

21. Section R907.1; add a sentence to read as follows:

All individual replacement shingles or shakes shall comply with Section R902.3.

22. Section N1101.2; amend as follows:

N1101.2.1 Compliance. Compliance with this chapter shall be demonstrated by meeting either one of the following:

1. Meeting the requirements of this chapter for buildings with a glazing area that does not exceed 15 percent of the gross area of exterior walls; or
 2. Meeting the requirements of this chapter for buildings with a glazing area that is greater than 15 percent but not exceeding 20 percent of the gross area of exterior walls and air conditioning equipment rated 12 SEER or higher;
 3. Meeting the requirements of this chapter for buildings with a glazing area that is greater than 20 percent but not exceeding 25 percent of the gross area of exterior walls and air conditioning equipment rated 14 SEER or higher; or
 4. Meeting the requirements of the *International Energy Conservation Code* for residential buildings, detached one- and two-family dwellings.
- {Remainder of section unchanged}*

23. Add Section N1101.3.4 to read as follows:

N1101.3.4 Exterior basement or slab insulation. When susceptibility to termite damage is classified as "very heavy" according to Table R301.2(1), designs employing basement or slab exterior insulation capable of harboring termites shall not be utilized.

24. Section N1102.1; amend as follows:

N1102.1 Thermal performance criteria. The minimum required insulation R-value or the area-weighted average maximum required fenestration U-factor (other than opaque doors which are governed by Section N1102.1.3) for each element in the building thermal envelope (fenestration, roof/ceiling, opaque wall, floor, slab edge, crawl space wall and basement wall) shall be in accordance with the criteria in Table N1102.1.

Detached one-and-two family dwellings with greater than 25-percent glazing

area; townhouses with greater than 25-percent glazing area; shall determine compliance using the building envelope requirements of Chapters 4 or 5 of the *International Energy Conservation Code*.

25. Replace Table N1102.1 with:

TABLE N1102.1 SIMPLIFIED PRESCRIPTIVE BUILDING ENVELOPE THERMAL COMPONENT CRITERIA MINIMUM REQUIRED THERMAL PERFORMANCE (U-FACTOR AND R-VALUE)							
MAXIMUM GLAZING U-FACTOR [Btu/(hr·ft ² ·°F)]	MINIMUM INSULATION R-VALUE [(hr·ft ² ·°F)/Btu]						
	Ceilings open to Attic Space	Ceiling Joist/Roof Rafter Assembly	Walls	Floors	Basement Walls	Slab perimeter	Crawl space walls
0.65	R-38	R-22	R- 13	R-19	R-0	R-0	R-7 ^a

a. Crawl space insulation is only required for structures with uninsulated floors.

Use of this table is limited to projects where the cathedral ceiling area is limited to one third or less of the total ceiling area.

26. Section N1102.1.6; delete last sentence of exception.

27. Section N1102.2; amend as follows:

N1102.2 Maximum solar heat gain coefficient for fenestration products. The area-weighted-average solar heat gain coefficient (SHGC) for glazed fenestration installed in locations with 3,500 or fewer heating degree days shall not exceed 0.40.

Exceptions:

1. Any glazing facing within 45 degrees of true north;
2. Any glazing facing within 45 degrees of true south which is shaded along its full width by a permanent overhang with a projection factor of 0.3 or greater.
3. Any fenestration with permanently attached screens where the screens have a rated shading coefficient of .6 or less.

28. Table N1103.5; amend as follows:

Cooling Systems	FLUID TEMP RANGE (°F)	INSULATION THICKNESS inches ^b
Chilled water, refrigerant or brine	40-55	0.5
	Below 40	1.25

{Remainder of table unchanged.}

Amend footnote "b" to read as follows:

- b. For piping lengths in excess of five (5) feet (1,524 mm) exposed to outdoor air, increase thickness by 0.5 inch (13 mm).

29. Section M1305.1.3; change to read as follows:

M1305.1.3 Appliances in attics. Attics containing appliances requiring access shall be provided . . . *{bulk of paragraph unchanged}* . . . from the opening to the appliance. The passageway shall have continuous unobstructed solid flooring in accordance with Chapter 5 not less than 30 inches (762 mm) wide. A level service space at least 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present along all sides of the appliance where access is required. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. As a minimum, access to the attic space shall be provided by one of the following:

1. A permanent stair.
2. A pull down stair.
3. An access door from an upper floor level.

Exception: The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.

30. Section M1305.1.3.1; add a sentence to read as follows:

Low voltage wiring of 50 Volts or less shall be installed in a manner to prevent physical damage.

31. Section M1305.1.4.1; change to read as follows:

M1305.1.4.1 Ground clearance. Appliances supported from the ground shall be level and firmly supported on a concrete slab or other approved material extending above the adjoining ground a minimum of 3 inches (76 mm). Appliances suspended from the floor shall have a clearance of not less than 6 inches (152 mm) above the ground.

32. Section M1305.1.4.3; add a sentence to read as follows:

Low voltage wiring of 50 Volts or less shall be installed in a manner to

prevent physical damage.

33. Section M1307.3.1; delete.

34. Section M1501.2; delete and replace with the following:

M1501.2 Exhaust duct size. The minimum diameter of the exhaust duct shall be as recommended by the manufacturer, shall be at least the diameter of the appliance outlet and shall be a minimum nominal size of 4 inches (102 mm) in diameter. The size of duct shall not be reduced along its developed length nor at the point of termination.

35. Section M1501.3; change to read as follows:

M1501.3 Length limitation. The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the wall or roof termination with not more than two bends. When extra bends are installed, the maximum length of the duct shall be reduced 2.5 feet (762 mm) for each 45-degree (0.79 rad) bend and 5 feet (1524 mm) for each 90-degree (1.6 rad) bend that occur after the first two bends, measuring in the direction of airflow. The maximum length of the exhaust duct does not include the transition duct.

{Exception is unchanged}

36. Section M2005.2: change to read as follows:

M2005.2 Prohibited locations. Fuel-fired water heaters shall not be installed in a room used as a storage closet. Water heaters located in a bedroom or bathroom shall be installed in a sealed enclosure so that combustion air will not be taken from the living space. Access to such enclosure may be from the bedroom or bathroom when through a solid door, weather-stripped in accordance with the exterior door air leakage requirements of the *International Energy Conservation Code* and equipped with an approved self-closing device. Direct-vent water heaters are not required to be installed within an enclosure.

37. Section G2408.3; delete.

38. Section G2412.5; add a second paragraph to read as follows:

Both ends of each section of medium pressure gas piping shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag:

"WARNING
1/2 to 5 psi gas pressure
Do Not Remove"

39. Section G2413.3; add an exception to read as follows:

Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2".

40. Section G2415.6; change to read as follows:

G2415.6 (404.6) Piping in solid floors. Piping in solid floors shall be laid in channels in the floor and covered in a manner what will allow access to the piping with a minimum amount of damage to the building. Where such piping is subject to exposure to excessive moisture or corrosive substances, the piping shall be protected in an approved manner. As an alternative to installation in channels, the piping shall be installed in accordance with Section G2415.11 (404.11)

41. Section G2415.9; change to read as follows:

G2415.9 (404.9) Minimum burial depth. Underground piping systems shall be installed a minimum depth of 18 inches (458 mm) below grade.

42. Section G2415.9.1; delete.

43. Section G2417.1; change to read as follows:

G2417.1 (406.1) General. Prior to acceptance and initial operation, all piping installations shall be inspected and pressure tested to determine that the materials, design, fabrication, and installation practices comply with the requirements of this code. The permit holder shall make the applicable tests prescribed in Sections 2417.1.1 through 2417.7.4 to determine compliance with the provisions of this code. The permit holder shall give reasonable advance notice to the code official when the piping system is ready for testing. The equipment, material, power and labor necessary for the inspections and test shall be furnished by the permit holder and the permit holder shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests.

44. Section G2417.4; change to read as follows:

G2417.4 (406.4) Test pressure measurement. Test pressure shall be measured with a monometer or with a pressure-measuring device designed

and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. For tests requiring a pressure of 3 psig, mechanical gauges shall utilize a dial with a minimum diameter of three and one half inches (3 ½"), a set hand, 1/10 pound incrementation and pressure range not to exceed 6 psi for tests requiring a pressure of 3 psig. For tests requiring a pressure of 10 psig, mechanical gauges shall utilize a dial with a minimum diameter of three and one-half inches (3 ½"), a set hand, a minimum of 2/10 pound incrementation and a pressure range not to exceed 20 psi.

45. Section G2417.4.1; change to read as follows:

G2417.4.1 (406.4.1) Test pressure. The test pressure to be used shall be not less than 3 psig (20 kPa gauge), or at the discretion of the Code Official, the piping and valves may be tested at a pressure of at least six (6) inches (152 mm) of mercury, measured with a manometer or slope gauge. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa) (1/2 psi) and less than 200 inches of water column pressure (52.2 kPa) (7.5 psi), the test pressure shall not be less than ten (10) pounds per square inch (69.6 kPa). For piping carrying gas at a pressure that exceeds 200 inches of water column (52.2 kPa) (7.5 psi), the test pressure shall be not less than one and one-half times the proposed maximum working pressure.

46. Section G2417.4.2; change to read as follows:

G2417.4.2 (406.4.2) Test duration. The test duration shall be held for a length of time satisfactory to the Code Official, but in no case for less than fifteen (15) minutes. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa), the test duration shall be held for a length of time satisfactory to the Code Official, but in no case for less than thirty (30) minutes.

47. Add Section G2420.1.4 to read as follows:

G2420.1.4 Valves in CSST installations. Shutoff valves installed with corrugated stainless steel (CSST) piping systems shall be supported with an approved termination fitting, or equivalent support, suitable for the size of the valves, of adequate strength and quality, and located at intervals so as to prevent or damp out excessive vibration but in no case greater than 12-inches from the center of the valve. Supports shall be installed so as not to interfere with the free expansion and contraction of the system's piping, fittings, and valves between anchors. All valves and supports shall be designed and installed so they will not be disengaged by movement of the

supporting piping.

48. Section G2421.1; add a second paragraph and exception to read as follows:

Access to regulators shall comply with the requirements for access to appliances as specified in Section M1305.

Exception: A passageway or level service space is not required when the regulator is capable of being serviced and removed through the required attic opening.

49. Section G2439.5; add a sentence to read as follows:

The size of duct shall not be reduced along its developed length nor at the point of termination.

50. Section G2439.5.1; change to read as follows:

G2439.5.1 (614.6.1) Maximum length. The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the outlet terminal with not more than two bends. When extra bends are installed, the maximum length of the duct shall be reduced 2 1/2 feet (762 mm) for each 45-degree (0.79 rad) bend and 5 feet (1524 mm) for each 90-degree (1.6 rad) bend that occur after the first two bends, measuring in the direction of airflow.

{Exception is unchanged}

51. Section G2445.2; change to read as follows:

G2445.2 (621.2) Prohibited use. One or more unvented room heaters shall not be used as the sole source of comfort heating in a dwelling unit.

Exception: Existing approved unvented heaters may continue to be used in dwelling units, in accordance with the code provisions in effect when installed, when approved by the Code Official unless an unsafe condition is determined to exist as described in *International Fuel Gas Code* Section 108.7.

52. Section G2448.1.1; change to read as follows:

G2448.1.1 (624.1.1) Installation requirements. The requirements for water heaters relative to access, sizing, relief valves, drain pans and scald protection shall be in accordance with this code.

53. Section P2503.5.1, item 1; add a second paragraph to read as follows:

Shower receptors shall be tested for water tightness by filling with water to the level of the rough threshold. The drain shall be plugged in a manner so that both sides of pans shall be subjected to the test at the point where it is clamped to the drain.

54. Section P2503.7.2; change to read as follows:

P2503.7.2 Testing. Reduced pressure principle . . . *{bulk of section unchanged}* . . . at the time of installation, immediately after repairs or relocation and at regular intervals as required by applicable state or local provisions.

55. Section P2603.2.1; change to read as follows:

P2603.2.1 Protection against physical damage. In concealed locations...*{bulk of section unchanged}*...Protective shield plates shall be a minimum of .062-inch-thick (1.6 mm) steel and shall cover the area of the pipe where the member is notched or bored.

56. Section P2603.6.1; delete and replace with the following:

P2603.6.1 Sewer depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

57. Section P2709.1; add an exception to read as follows:

Exception: Showers designed to comply with ICC/ANSI A117.1.

58. Section P2801.6; add an exception as follows:

Exception: Elevation of the ignition source is not required for water heaters that are listed as flammable vapor resistant and for installation without elevation.

59. Section P2902.4.3; changed to read as follows:

P2902.4.3 Lawn Irrigation Systems. The potable water supply system to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure type vacuum breaker, a double-check assembly or a reduced pressure principle backflow preventer . *{remainder of section unchanged}*.

60. Table P2904.4.1 & P2904.5; delete "Polybutylene (PB) plastic pipe and

tubing".

61. Sections P2904.5.1 and P2904.14; delete reference to "PB" plastic pipe.

62. Section P3005.2.6; changed to read as follows:

P3005.2.6 Upper terminal. Each horizontal drain shall be provided with a cleanout at its upper terminal.

Exception: Cleanouts may be omitted on a horizontal drain less than five (5) feet (1524 mm) in length unless such line is serving sinks or urinals.

63. Section P3103.1; change to read as follows:

P3103.1 Roof extension. All open vent pipes which extend through a roof shall be terminated at least six (6) inches (152 mm) above the roof, except that . . . *{remainder of section unchanged}*.

64. Sections P3105.2; change to read as follows:

P3105.2 Fixture drains. The total fall in a fixture drain due to pipe slope shall not exceed one pipe diameter, nor shall the vent pipe connection to a fixture drain, except for water closets, be below the weir of the trap.

65. Section 3105.3 and Figure P3105.3; delete.

66. Section P3111; delete.

67. Section P3112.2; delete and replace with the following:

P3112.2 Installation. Traps for island sinks and similar equipment shall be roughed in above the floor and may be vented by extending the vent as high as possible, but not less than the drainboard height and then returning it downward and connecting it to the horizontal sink drain immediately downstream from the vertical fixture drain. The return vent shall be connected to the horizontal drain through a wye-branch fitting and shall, in addition, be provided with a foot vent taken off the vertical fixture vent by means of a wye-branch immediately below the floor and extending to the nearest partition and then through the roof to the open air or may be connected to other vents at a point not less than six (6) inches (152 mm) above the flood level rim of the fixtures served. Drainage fittings shall be used on all parts of the vent below the floor level and a minimum slope of one-quarter (1/4) inch per foot (20.9 mm/m) back to the drain shall be maintained. The return bend used under the drainboard shall be a one (1) piece fitting or an assembly of a forty-five (45) degree (0.79 radius), a ninety

(90) degree (1.6 radius) and a forty-five (45) degree (0.79 radius) elbow in the order named. Pipe sizing shall be as elsewhere required in this Code. The island sink drain, upstream of the return vent, shall serve no other fixtures. An accessible cleanout shall be installed in the vertical portion of the foot vent.

68. Chapters 33 through 42; delete. Replace with the electrical code as adopted.

Sec. 7. THAT Chapter 18, Section 18-18, paragraph (a), of the Code of Ordinances of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(a) *Adopted.* The International Energy Conservation Code, 2003 edition, as recommended by the International Code Council, one copy of which is on file in the Office of the City Secretary, is hereby adopted and incorporated by reference and made a part of this article as the building code of the City, subject to and including by reference such amendments, corrections, and additions as shall appear in this article.

Sec. 8. THAT Chapter 18, Section 18-18, paragraph (c), of the Code of Ordinances of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(c) *Amendments.* The International Energy Conservation Code, 2003 edition, as recommended by the International Code Council is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for buildings and structures in the City of Colleyville, Texas, which are as follows:

Sec. 9. THAT Chapter 18, Section 18-18, paragraph (c), (1) through paragraph (c), (20), of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Add the following section:

101.4.1.3 Alternative compliance. A building certified by a national, state, or local accredited energy efficiency program and determined by the Energy Systems Laboratory to be in compliance with the energy efficiency requirements of this section may, at the option of the Code Official, be considered in compliance. The United States Environmental Protection Agency's Energy Star Program certification of energy code equivalency shall be considered in compliance.

2. Section 302.1; Replace blank Table 302.1 Exterior Design Conditions with

the following:

CONDITION	VALUE
Winter ^a , design dry-bulb (°F) (99.6%)	17
Summer ^a , design dry-bulb (°F) (0.4%)	100
Summer ^a , design wet-bulb (°F) (0.4%)	78
Degree days heating ^b	2407
Degree days cooling ^b	2603
Climate zone ^c	5B

3. Delete note "a" and replace with the following:

- a. These values are from ASHRAE Handbook of Fundamentals for Dallas/Ft. Worth International Airport 99.6% Winter DB, 0.4% Summer DB, and 0.4% Summer WB; and from Local Climatological Data for Dallas-Ft. Worth published by the National Climatic Data Center, National Oceanic and Atmospheric Administration. These values are for the purpose of providing a uniform basis of requirements for North Central Texas. This will not preclude licensed professionals from submitting design analyses based on site measurements or published data more specific to the building site. Adjustments shall be permitted to reflect local climates which differ from the tabulated values, or local weather experience determined by the code official.

4. Section 502.1.1; delete exception 2 and substitute the following:

2. Buildings located in Climate Zones 5b.

5. Section 502.1.5; add the following exceptions:

Exceptions:

1. Any glazing facing within 45 degrees of true north;
2. Any glazing facing within 45 degrees of true south which is shaded along its full width by a permanent overhang with a projection factor of 0.3 or greater.
3. Any fenestration with permanently attached screens where the screens have a rated shading coefficient of .6 or less.

6. Section 502.2; Replace blank Table 502.2 Heating & Cooling Criteria with the following:

Table 502.2^{a,g}
HEATING AND COOLING CRITERIA

Element	Mode	Detached One-Family Dwellings U _o	Detached Two-Family Dwellings U _o
Walls	Heating or cooling	0.15	0.22
Roof/ceiling	Heating or cooling	0.03	0.03
Floors over unheated spaces	Heating or cooling	0.05	0.05
Heated slab on grade	Heating	R-value = 6	R-value = 6
Unheated slab on grade	Heating	R-value = 0	R-value = 0
Basement wall	Heating or cooling	U-factor = 0.15	U-factor = 0.15
Crawl space wall	Heating or cooling	U-factor = 0.15	U-factor = 0.15

7. Delete Note "a" and replace with the following:
 - a. The above values have been determined for all counties in the North Central Texas Council of Governments region.
8. Add Note "g":
 - g. These requirements apply only to the boundaries of conditioned space. Air conditioning equipment and ductwork is recommended, but not required, to be located within the conditioned space in North Central Texas zones.
9. Delete Figures 502.2(1-6)
10. Section 502.2; Add note to Fig 502.2(7):

All counties within the North Central Texas Council of Governments region are designated as within the area of very heavy termite infestation probability for purpose of uniform interpretation of this requirement.
11. Section 502.2.2; add a second paragraph as follows:

A building demonstrating envelope compliance at least 10% better than code may utilize R6 duct insulation in both supply and return air ducts in lieu of the insulation required by Table 503.3.3.3.
12. Section 502.2.4; Delete prescriptive Tables 502.2.4(1-9) and substitute the following:

Replace Tables 502.2.4 (1-6) with:

Table 502.2.4(1) Prescriptive Building Envelope Requirements, Detached One-Family Dwellings, Based on Window Area as a Percent of Gross Exterior Wall Area							
% Glazing	Maximum	Minimum					
	Glazing U-factor	Ceiling R-value	Exterior wall R-value	Floor R-value	Basement wall R-value	Slab perimeter R-value and depth	Crawl space wall R-value
<8%	0.70	R-26	R-11	R-11	R-5	R-0	R-6
<12%	0.65	R-26	R-13	R-11	R-5	R-0	R-5
<15%	0.60	R-30	R-13	R-19	R-6	R-0	R-7
<18%	0.52	R-30	R-13	R-19	R-6	R-0	R-7
<20%	0.50	R-38	R-13	R-19	R-6	R-0	R-7
<25%	0.46	R-38	R-16	R-19	R-6	R-0	R-7

Replace Tables 502.2.4 (7-9) with:

Table 502.2.4(2) Prescriptive Building Envelope Requirements, Detached Two-Family Dwellings, Based on Window Area as a Percent of Gross Exterior Wall Area							
% Glazing	Maximum	Minimum					
	Glazing U-factor	Ceiling R-value	Exterior wall R-value	Floor R-value	Basement wall R-value	Slab perimeter R-value and depth	Crawl space wall R-value
<20%	0.55	R-30	R-13	R-11	R-5	R-0	R-5
<25%	0.55	R-30	R-13	R-11	R-5	R-0	R-5
<30%	0.47	R-38	R-13	R-19	R-7	R-0	R-8

13. Table 503.3.3.1 MINIMUM PIPE INSULATION. Amend footnote "a" to read as follows:

- a. For piping lengths in excess of five (5) feet exposed to outdoor air, increase the insulation thickness by 0.5 inch.

14. Table 503.3.3.3; add footnote "e" as follows:

- e. See Section 502.2.2

15. Section 503.3.3.4.3; change first sentence to read as follows:

503.3.3.4.3 Sealing required. All joints, longitudinal and transverse seams, and connections in ductwork, shall be made substantially airtight by means of welds, gaskets, mastics (adhesives), mastic-plus-embedded-fabric systems or tapes or other approved closure systems. *{Remainder to remain unchanged}*

16. Section 602.1.6; delete last sentence of exception.

17. Section 602.2 Maximum solar heat gain coefficient for fenestration products.

Add the following exceptions:

Exceptions:

1. Any glazing facing within 45 degrees of true north.
2. Any glazing facing within 45 degrees of true south which is shaded along its full width by a permanent overhang with a projection factor of 0.30 or greater.
3. Any fenestration with attached screens where the screens have a rated shading coefficient of 0.6 or less.

18. Section 802.2; Replace blank tables 802.2 (1-4) with the completed tables provided on the following four pages. Delete tables 802.2 (5-37).

TABLE 802.2(1) BUILDING ENVELOPE REQUIREMENTS WINDOW AND GLAZED DOOR AREA 10 PERCENT OR LESS OF ABOVE-GRADE WALL AREA			
ELEMENT	CONDITION/VALUE		
Skylights (<i>U</i> -factor)	1		
Slab or below-grade wall (<i>R</i> -value)	R-0		
Windows and glass doors	SHGC	<i>U</i> -factor	
PF < 0.25	Any	Any	
$0.25 \leq \text{PF} < 0.50$	Any	Any	
PF ≥ 0.50	Any	Any	
Roof assemblies (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-19	R-16	
Metal joist/truss	R-25	R-17	
Concrete slab or deck	NA	R-16	
Metal purlin with thermal block	R-25	R-17	
Metal purlin without thermal block	X	R-17	
Floors over outdoor air or Unconditioned space (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-11	R-6	
Metal joist/truss	R-11	R-6	
Concrete slab or deck	NA	R-6	
Above-grade walls (<i>R</i> -value)	No framing	Metal Framing	Wood framing
Framed			
R-value cavity	NA	R-11	R-11
R-value continuous	NA	R-0	R-0
CMU, ≥ 8 in., with integral insulation			
R-value cavity	NA	R-0	R-0
R-value continuous	R-0	R-0	R-0
Other masonry walls			
R-value cavity	NA	R-0	R-0
R-value continuous	R-0	R-0	R-0

TABLE 802.2(2) BUILDING ENVELOPE REQUIREMENTS WINDOW AND GLAZED DOOR AREA 10 PERCENT BUT NOT GREATER THAN 25 PERCENT OF ABOVE-GRADE WALL AREA			
ELEMENT	CONDITION/VALUE		
Skylights (<i>U</i> -factor)	1		
Slab or below-grade wall (<i>R</i> -value)	R-0		
Windows and glass doors	SHGC	<i>U</i> -factor	
PF ≤ 0.25	0.6	Any	
0.25 < PF < 0.50	0.7	Any	
PF ≥ 0.50	Any	Any	
Roof assemblies (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-25	R-19	
Metal joist/truss	R-25	R-20	
Concrete slab or deck	NA	R-19	
Metal purlin with thermal block	R-30	R-20	
Metal purlin without thermal block	X	R-20	
Floors over outdoor air or Unconditioned space (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-11	R-6	
Metal joist/truss	R-11	R-6	
Concrete slab or deck	NA	R-6	
Above-grade walls (<i>R</i> -value)	No framing	Metal Framing	Wood framing
Framed			
R-value cavity	NA	R-11	R-11
R-value continuous	NA	R-0	R-0
CMU, ≥ 8 in., with integral insulation			
R-value cavity	NA	R-11	R-11
R-value continuous	R-5	R-0	R-0
Other masonry walls			
R-value cavity	NA	R-11	R-11
R-value continuous	R-5	R-0	R-0

TABLE 802.2(3) BUILDING ENVELOPE REQUIREMENTS			
WINDOW AND GLAZED DOOR AREA OVER 25 PERCENT BUT NOT GREATER THAN 40 PERCENT OF ABOVE-GRADE WALL AREA			
ELEMENT	CONDITION/VALUE		
Skylights (<i>U</i> -factor)	1		
Slab or below-grade wall (<i>R</i> -value)	R-0		
Windows and glass doors	SHGC	<i>U</i> -factor	
PF ≤ 0.25	0.4	0.7	
0.25 < PF < 0.50	0.5	0.7	
PF ≥ 0.50	0.6	0.7	
Roof assemblies (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-25	R-19	
Metal joist/truss	R-25	R-20	
Concrete slab or deck	NA	R-19	
Metal purlin with thermal block	R-30	R-20	
Metal purlin without thermal block	X	R-20	
Floors over outdoor air or Unconditioned space (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-11	R-6	
Metal joist/truss	R-11	R-6	
Concrete slab or deck	NA	R-6	
Above-grade walls (<i>R</i> -value)	No framing	Metal Framing	Wood framing
Framed			
R-value cavity	NA	R-11	R-11
R-value continuous	NA	R-0	R-0
CMU, ≥ 8 in., with integral insulation			
R-value cavity	NA	R-11	R-11
R-value continuous	R-5	R-0	R-0
Other masonry walls			
R-value cavity	NA	R-11	R-11
R-value continuous	R-5	R-0	R-0

TABLE 802.2(4) BUILDING ENVELOPE REQUIREMENTS WINDOW AND GLAZED DOOR AREA OVER 40 PERCENT OF ABOVE-GRADE WALL AREA			
ELEMENT	CONDITION/VALUE		
Skylights (<i>U</i> -factor)	1		
Slab or below-grade wall (<i>R</i> -value)	R-0		
Windows and glass doors	SHGC	<i>U</i> -factor	
PF ≤ 0.25	0.4	0.7	
0.25 < PF < 0.50	0.5	0.7	
PF ≥ 0.50	0.6	0.7	
Roof assemblies (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-25	R-19	
Metal joist/truss	R-25	R-20	
Concrete slab or deck	NA	R-19	
Metal purlin with thermal block	R-30	R-20	
Metal purlin without thermal block	R-38	R-20	
Floors over outdoor air or Unconditioned space (<i>R</i> -value)	Insulation between framing	Continuous insulation	
All-wood joist/truss	R-11	R-6	
Metal joist/truss	R-11	R-6	
Concrete slab or deck	NA	R-6	
Above-grade walls (<i>R</i> -value)	No framing	Metal Framing	Wood framing
Framed			
<i>R</i> -value cavity	NA	R-11	R-11
<i>R</i> -value continuous	NA	R-0	R-0
CMU, ≥ 8 in., with integral insulation			
<i>R</i> -value cavity	NA,NA	R-11	R-11
<i>R</i> -value continuous	R-5	R-0	R-0
Other masonry walls			
<i>R</i> -value cavity	NA	R-11	R-11
<i>R</i> -value continuous	R-5	R-0	R-0

19. Add footnote "f" to SHGC column heading in Tables 802.2 (2), 802.2 (3) and 802.2 (4) to read as follows:

- f. Minimum SHGC requirements do not apply to glazing as follows:
1. Any glazing facing within 45 degrees of true north.
 2. Any glazing facing within 45 degrees of true south which is shaded along its full width by a permanent overhang with a projection factor of 0.30 or greater.
 3. Any glazing with permanent attached screens where the screens have a rated shading coefficient of 0.60 or less.

20. Section 805.2.1 Interior Lighting Controls; add a third sentence to read:

Large spaces shall have a separate switch or control for each 2500 square feet of floor area.

21. Delete Figures 902.1 (1-43, 45-51)

22. Chapter 10; Replace referenced standard as follows:

ASHRAE/IES -- 99 Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings -- 1999 Edition

Sec. 10 THAT Chapter 18 of the Code of Ordinances of the City of Colleyville, Texas, shall remain in full force and effect, except where amended by this ordinance.

Sec. 11. THAT Chapter 22, Article II, Section 22-26. Contractor's Board is hereby amended in its entirety to read as follows:

Sec. 22-26. Contractor's Board of Appeals.

A. Creation of Contractor's Board of Appeals – There is hereby created a Contractor's Board of Appeals consisting of five (5) members and two (2) alternate members, each to be appointed by the Council for a two year term, or until a successor is appointed. Three members of the Board and one (1) alternate member shall be selected in even numbered years and two members and one (1) alternate member in odd numbered years. In the event of a vacancy, the Council shall appoint a member to serve for the unexpired term. Alternate Board members shall serve in the absence of regular members. The Contractor's Board of Appeals shall consist of the same members and officers as the Zoning Board of Adjustment.

B. Authority – The Contractor's Board of Appeals shall have the authority to work with contractors and hear cases relating to building, mechanical, electrical and plumbing code requirements by hearing and deciding on reasonable interpretations of the provisions of all prevailing codes contained within Chapter 18 of the Code of Ordinances of the City of Colleyville and the fire code contained in Chapter 46 of the Code of Ordinances. The Contractor's Board of Appeals shall have the authority to make a correct determination of any appeal arising from actions of the administrative authority, determine the suitability of alternate materials and methods of construction, consider and decide on complaints or suggestions relating to any of the building trades regulated by the prevailing codes contained within Chapter 18 and Chapter 46 of the Code of Ordinances of the City of Colleyville. The Board may make recommendations to the City Council on changes in or additions to the current policies and procedures of the city that

relate to the building trades.

- C. Quorum and Organization – Four members of the Contractor's Board of Appeals shall constitute a quorum. In the event of the absence of the Chairman and Vice-Chairman, the four members constituting the quorum shall elect for that meeting a member to preside as Acting Chairman and to assume all duties of the Chairman.
- D. Meetings, Hearings and Rules of Procedures – The Board shall adopt rules of procedure for the conduct of its meetings. Meetings shall be held at the call of the Chairman or at such times as the Board may determine. All meetings and hearings shall be open to the public and shall be conducted in accordance with the procedure set forth in these regulations and the rules of procedure adopted by the Contractor's Board of Appeals. Such rules of procedure may be amended by the Contractor's Board of Appeals membership. The minutes of the meetings shall be recorded, showing the vote of each member upon the question, and shall be made a matter of public record. The concurring vote of four members of the Board shall be necessary to render a decision on any matter before the Board.
- E. Appeal Procedure – A person may submit a request for an appeal to the Contractors' Board of Appeals by filing said request with the building official. Each request shall be accompanied by a non-refundable filing fee. The filing fee shall be established by separate ordinance by the City Council. In addition to considering an appeal request of an applicant, the Contractor's Board of Appeals shall be authorized to solicit testimony and advice from recognized professionals within the applicable building construction trades. No decision of the Contractor's Board of Appeals shall in any way have an affect as to amend the prevailing codes and ordinances of the City of Colleyville.
- F. Fees – No action shall be taken on any application submitted to the Contractor's Board of Appeals until all applicable fees have been paid in full. No refund of any application fee shall be made after the request has been advertised and scheduled for consideration by the Board.
- G. Public Hearing – No action to approve or deny any application shall be taken until the Board has held a public hearing and received comment.
- H. Appeal to City Council – The decision by the Contractor's Board of Appeals shall be final, unless the applicant submits a written notice of appeal within ten (10) days from the date of the action by the Board. The enforcement official shall place the applicant's appeal request on the next available agenda for consideration by the City Council. The City Council shall have the authority to overrule any decision of the Board which it feels is not in the

best interest of the city.

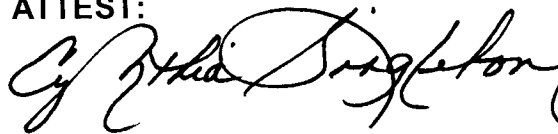
- Sec. 12 THAT Chapter 22 of the Code of Ordinances of the City of Colleyville, Texas, shall remain in full force and effect, except where amended by this ordinance.
- Sec. 13. THAT any person, firm, or corporation violating any of the provisions of this ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined a sum not to exceed Two Thousand Dollars (\$2,000.00). Each and every day such violation continues shall constitute a separate offense and shall be punishable as such.
- Sec. 14. THAT the City Secretary is hereby authorized and directed to cause publication of the descriptive caption and penalty clause hereof as an alternative method of publication provided by law.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 15th day of February, 2005.

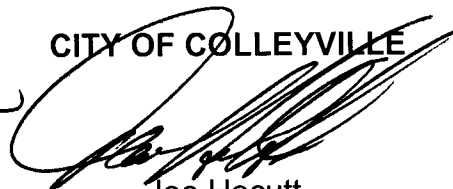
The second reading and public hearing being conducted on the 15th day of February, 2005.

ATTEST:



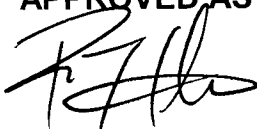
Cynthia Singleton, TRMC
City Secretary

CITY OF COLLEYVILLE



Joe Hocutt
Mayor

APPROVED AS TO FORM AND LEGALITY:



Ross T. Foster
City Attorney

ORDINANCE O-05-1511

AN ORDINANCE OF THE CITY OF COLLEYVILLE, TEXAS, AMENDING CHAPTER 18, ARTICLE III OF THE CODE OF ORDINANCES OF THE CITY OF COLLEYVILLE, TEXAS TO ADOPT THE 2002 EDITION OF THE NATIONAL ELECTRICAL CODE; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS RECOMMENDED BY THE REGIONAL CODES COMMITTEE OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS; PROVIDING FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR AN EFFECTIVE DATE; PROVIDING A PENALTY AND AUTHORIZING PUBLICATION.

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the citizens of Colleyville, Texas to adopt the 2002 Edition of the National Electrical Code; and

WHEREAS, notice of a public hearing before the City Council was published in a newspaper of general circulation in Colleyville at least 15 days before such hearing.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT Chapter 18, Section 18-59, paragraph (a) of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(a) Adopted. The National Electrical Code, 2002 edition, as recommended by the National Fire Protection Association, one copy of which is on file in the office of the City Secretary, is hereby adopted and incorporated by reference and made a part of this article as the electrical code of the City, subject to and including by reference such amendments, corrections, and additions as shall appear in this article.

Sec. 2. THAT Chapter 18, Section 18-59, paragraph (c) of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(c) Amendments. The National Electrical Code, 2002 edition, as recommended by the National Fire Protection Association is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for electrical installations in the City of Colleyville, Texas, which are as follows:

Sec. 3. THAT Chapter 18, Section 18-59, paragraph (c)(A) through paragraph (c)(F) of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Section 230.2(A) add a sixth special condition.

230.2 Number of Services. A building or other structure served shall be supplied by only one service unless permitted in 230.2(A) through (D). For the purpose...{text unchanged}...shall be considered to be supplying one service.

(A) Special Conditions. Additional services shall be permitted to supply the following:

(1) Fire Pumps

.

(6) In supplying electrical service to multifamily dwellings, two or more laterals or overhead service drops shall be permitted to a building when both of the following conditions are met:

- a. The building has six or more individual gang meters and all meters are grouped at the same location.
- b. Each lateral or overhead service drop originates from the same point of service.

2. Section 230.71(A) add an exception.

230.71 Maximum Number of Disconnects.

(A) General. The service disconnecting means for each service permitted by 230.2, or for each set of service-entrance conductors permitted by 230.40, Exception Numbers. 1, 3, 4, or 5, shall consist of not more than six switches or sets of circuit breakers, mounted in a single enclosure, in a group of separate enclosures, or in or on a switchboard. There shall be no more than six sets of disconnects per service grouped in any one location. For the purpose...{text unchanged}...shall not be considered a service disconnecting means.

Exception: Multi-occupant Buildings. Individual service disconnecting means is limited to six for each occupant. The number of individual disconnects at one location may exceed six.

3. Section 250.52 add a paragraph.

250.52 Grounding Electrodes.

(A) Electrodes Permitted for Grounding.

Where a metal underground water pipe, as described in item (1), is not

present, a method of grounding as specified in (2) through (4) below shall be used.

4. Section 300.11(A)(1) change to read as follows:

300.11 Securing and Supporting.

(A) Secured in Place.

(1) Fire-Rated Assemblies. Wiring located within the cavity of a fire-rated floor-ceiling or roof-ceiling assembly shall not be secured to, or supported by, the ceiling assembly, including the ceiling support wires, unless tested as part of a fire-rated assembly. An independent means of secure support...{text unchanged}...are part of the fire-rated design.

(delete exception)

5. Section 300.11(A)(2) change to read as follows:

300.11 Securing and Supporting.

(A) Secured in Place.

(2) Non-Fire-Rated Assemblies. Wiring located within the cavity of a non-fire-rated floor-ceiling or roof-ceiling assembly shall not be secured to, or supported by, the ceiling assembly, including the ceiling support wires, unless authorized by, and installed in accordance with the ceiling system manufacturer's instructions. An independent means of secure support shall be provided.

(delete existing exception)

Add exception: From the last point of independent support or base for connections within an accessible ceiling to luminaire(s) (lighting fixture(s)) or equipment, branch circuit or fixture whip wiring shall be allowed to be supported by the ceiling support wires.

6. Section 310.15(B)(6) change to read as follows:

310.15 Ampacities for Conductors Rated 0-2000 Volts.

(B) Tables.

(6) 120/240-Volt, 3-Wire, Single-Phase Dwelling Services and Feeders. For dwelling units, conductors, as listed in Table 310.15(B)(6), shall

be...{text unchanged}...provided the requirements of 215.2, 220.22, and 230.42 are met. This Section shall not be used in conjunction with 220.30.

7. Section 334.10 change to read as follows:

334.10. Uses Permitted. Type NM, Type NMC, and Type NMS cables shall be permitted to be used in the following:

(1) One- and two-family dwellings.

(2) In any multifamily dwelling not exceeding three floors above grade.

Exception: An additional level shall be permitted in multifamily dwellings where the entire structure is protected throughout by an approved automatic sprinkler system.

(3) Other structures not exceeding 3 stories in height.

Note: In paragraphs. 2 & 3 above: For the purpose of this article, the first floor of a building shall be that floor that has 50 percent or more of the exterior wall surface area level with or above finished grade. One additional level that is the first level and not designed for human habitation and used only for vehicle parking, storage, or similar use shall be permitted.

8. Section 334.12 add another use not permitted, (11):

334.12 Uses Not Permitted.

(A) Types NM, NMC, and NMS. Types NM, NMC, and NMS cables shall not be used as follows:

(1) As open runs...{text unchanged}

.
.
.

(11) In non-residential metal frame structures.

9. Section 500.8(A)(1) change to read as follows:

500.8 Equipment.

(A) Approval for Class and Properties.

(1) Equipment shall be identified...{text unchanged}...the maximum surface temperatures specified in 503.1.

FPN: Luminaries (lighting fixtures) and other heat-producing apparatus...{text unchanged}...see Exception No. 3 to 500.8(B).

10. Section 600.21 (E) change to read as follows:

600.21 Ballasts, Transformers, and Electronic Power Supplies.

(E) Attic and Soffit Locations.

Ballasts, transformers, and electronic power supplies shall be permitted to be located in attics and soffits, provided there is an access door at least 900 mm by 600 mm (3 ft by 2 ft) and a passageway of at least 900 mm (3 ft) high by 600 mm (2 ft) wide with a suitable permanent walkway at least 600 mm (2 ft) wide extending from the point of entry to each component.

11. Section 220.36. New Restaurants.

This specification shall apply to restaurants regarding new occupancy, new buildings, change of occupancy in existing building, or upgrading existing buildings to new electrical load requirements

Sec. 4. THAT Chapter 18, Section 18-67 of the Code of Ordinances of the City of Colleyville, Texas, regarding installations to conform to approved specifications, is hereby deleted in its entirety and re-titled to read as follows:

Sec. 18-67. Reserved.

Sec. 5. THAT Chapter 18, Section 18-68 of the Code of Ordinances of the City of Colleyville, Texas, regarding installations to commercial and industrial buildings, public meeting places, and multifamily dwellings, is hereby deleted in its entirety and re-titled to read as follows:

Sec. 18-68. Reserved.

Sec. 6. THAT Chapter 18, Section 18-70 of the Code of Ordinances of the City of Colleyville, Texas, regarding overcurrent devices and panels, is hereby deleted in its entirety and re-titled to read as follows:

Sec. 18-70. Reserved.

Sec. 7. THAT Chapter 18, Section 18-94 of the Code of Ordinances of the City of Colleyville, Texas, regarding change of ownership, use of occupancy, is hereby deleted in its entirety and re-titled to read as follows:

Sec. 18-94. Reserved.

- Sec. 8. THAT Chapter 18 of the Code of Ordinances of the City of Colleyville, Texas, shall remain in full force and effect, except where amended by this ordinance.
- Sec. 9. THAT any person, firm, or corporation violating any of the provisions of this ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined a sum not to exceed Two Thousand Dollars (\$2,000.00). Each and every day such violation continues shall constitute a separate offense and shall be punishable as such.
- Sec. 10. THAT the City Secretary is hereby authorized and directed to cause publication of the descriptive caption and penalty clause hereof as an alternative method of publication provided by law.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 1st day of February 2005.

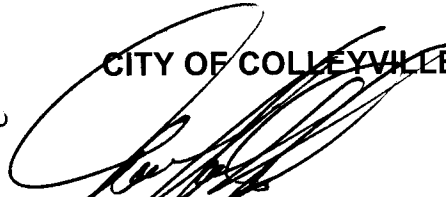
The second reading and public hearing being conducted on the 15th day of February 2005.

ATTEST:



Cynthia Singleton, TRMC
City Secretary

CITY OF COLLEYVILLE



Joe Hocutt
Mayor

APPROVED AS TO FORM AND LEGALITY:



Ross T. Foster
City Attorney

ORDINANCE O-14-1936

ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL BUILDING CODE* BY REFERENCE; 2014 EDITION OF THE *NATIONAL ELECTRICAL CODE* BY REFERENCE; ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL RESIDENTIAL CODE* BY REFERENCE; ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL ENERGY CONSERVATION CODE* BY REFERENCE; AMENDING ALL CONFLICTING PORTIONS OF SECTION 18 OF THE COLLEYVILLE CODE OF ORDINANCES; REPEALING ORDINANCE O-05-1509 AND O-05-1511, AND REPEALING ALL ORDINANCES IN CONFLICT HERewith; PROVIDING FOR RECORDING OF SUCH CODE AS A PUBLIC RECORD; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE OF ALL ORDINANCES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING FOR A PENALTY FOR VIOLATIONS HEREOF; PROVIDING A SAVINGS CLAUSE; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the City of Colleyville is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Council of the City of Colleyville deems it necessary to adopt this ordinance providing minimum standards to safeguard the health, property, and welfare of the citizens of Colleyville by regulating and controlling the use, occupancy, maintenance, repair, design, construction and quality of materials for buildings and structures within the City; and

WHEREAS, the International Code Council *Electrical Code* is no longer published as a separate document, but the administrative provisions are included in Appendix K, the *2014 National Electrical Code* is being adopted as a part of this ordinance; and

WHEREAS, beginning in the spring of 2012, the North Central Texas Council of Governments (NCTCOG) Regional Codes Coordinating Committee (RCCC) and its four advisory boards conducted open review meetings over a one year period to review the 2012 editions of the International Codes and to develop regional amendments. Their review and recommendations were completed and endorsed by the NCTCOG Executive Board in March 2013. Now NCTCOG encourages jurisdictions in North Central Texas to adopt the

2012 International Building Code along with its respective regional amendments.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

- Sec. 1. THAT the *International Building Code, 2012 Edition*, published by the International Code Council, including the standards referenced therein, including Appendix Chapters A, C, F, G, H, I, J and K are hereby adopted by reference as the Building Code and the Electric Code of the City of Colleyville regulating the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conversion, occupancy, equipment, use, height, area and maintenance of all buildings or structures, except one- and two-family dwellings and multiple single family dwellings (townhouses), in the City of Colleyville.
- Sec. 2. THAT the *2012 International Building Code*, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments and the 2014 National Electric Code, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments. The City of Colleyville, Texas may from time to time determine that additional local modifications to the Building Code are necessary and appropriate to meet the unique needs of the City of Colleyville, Texas. To effectuate these local modifications, the City Council shall enact individual ordinances amending this Ordinance, fully setting forth the change to be made in the Building or Electrical Code as adopted by reference through the adoption of the 2012 NCTCOG local amendments.
- Sec. 3. THAT the *International Residential Code for One- and Two-Family Dwellings, 2012 Edition*, published by the International Code Council, including the standards referenced therein, including Appendices A, B, C, E, G and H are hereby adopted by reference as the Residential Building Code of the City of Colleyville regulating the erection, construction, enlargement, alteration, repair, moving, removal, demolition, conversion, occupancy, equipment, use, height, area and maintenance of

all one and two-family dwellings, multiple single-family dwellings (townhouses) and their accessory structures in the City of Colleyville.

- Sec. 4. THAT the *2012 International Residential Code*, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments. The City of Colleyville, Texas may from time to time determine that additional local modifications to the Building Code are necessary and appropriate to meet the unique needs of the City of Colleyville, Texas. To effectuate these local modifications, the City Council shall enact individual ordinances amending this Ordinance, fully setting forth the change to be made as adopted by reference through the adoption of the 2012 NCTCOG local amendments.
- Sec. 5. THAT the *International Energy Conservation Code*, 2012 Edition, published by the International Code Council, including the standards referenced therein, is hereby adopted by reference as the *Energy Conservation Code* of the City of Colleyville regulating the design of building envelopes for adequate thermal resistance and low air leakage; the design and selection of mechanical and electrical service; water-heating and illumination systems; and equipment in the City of Colleyville, except for facilities otherwise regulated under the *International Residential Code for One- and Two-Family Dwellings* as adopted.
- Sec. 6. THAT the *2012 International Energy Conservation Code*, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments. The City of Colleyville, Texas may from time to time determine that additional local modifications to the Energy Conservation Code are necessary and appropriate to meet the unique needs of the City of Colleyville, Texas. To effectuate these local modifications, the City Council shall enact individual ordinances amending this Ordinance, fully setting forth the change to be made as adopted by reference through the adoption of the 2012 NCTCOG local amendments.
- Sec. 7. THAT a copy of all codes and amendments adopted by this ordinance shall be kept on file with the City Secretary.

- Sec. 8. THAT this ordinance shall be cumulative of all provisions of ordinances of the City of Colleyville, Texas, except where the provisions of this ordinance are in direct conflict with the provisions of such ordinances, in which event the conflicting provisions of such ordinances are hereby repealed. This ordinance is intended to replace Ordinance O-05-1509, as amended, the 2003 Edition of the *International Building Code*, *International Residential Code*, and the *International Energy Conservation Code*.
- Sec. 9. THAT it is hereby declared to be the intention of the City Council 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 shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this ordinance, since the same would have been enacted by the City Council without the incorporation in this ordinance of any such unconstitutional phrase, clause, sentence, paragraph or section.
- Sec. 10. THAT any person, firm or corporation who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this ordinance shall be fined not more than Two Thousand Dollars (\$ 2,000.00) for any violation involving zoning, fire safety or public health and sanitation, including dumping or refuse, and shall be fined not more than five hundred dollars (\$500) for any other violation of this ordinance. Each day that a violation is permitted to exist shall constitute a separate offense.
- Sec. 11. THAT all rights and remedies of the City of Colleyville are expressly saved as to any and all violations of the provisions of any ordinances affecting the regulation and control of the use, occupancy, maintenance, repair, design, construction and quality of materials for buildings and structures within the City 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.

Sec. 12. THAT this ordinance shall take effect immediately from and after its passage.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 21st day of October 2014.

The second reading and public hearing being conducted on the 5th day of November 2014.

PASSED AND APPROVED by the City Council of the City of Colleyville, Texas, on this the _____ day of _____ 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelley, TRMC
City Secretary

David Kelly
Mayor

APPROVED AS TO FORM AND LEGALITY:

Matthew C. G. Boyle
City Attorney



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 5b

Agenda Date 11/05/2014

Number Ordinance O-14-1937

Type Ordinance

Department Community Development

Title

Consideration of adoption of the 2012 editions of the *International Plumbing Code*, *International Fuel Gas Code*, and *International Mechanical Code*, along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-018

Explanation

Second Reading and Public Hearing

There were no speakers regarding this request at the October 21, 2014 City Council meeting.

First Reading and Public Hearing

This item serves as the second of three separate ordinance considerations as part of the 2012 code updates.

Attached is a proposed ordinance to adopt the 2012 editions of the *International Plumbing Code*, *International Fuel Gas Code*, and *International Mechanical Code*. Currently, the City of Colleyville is operating under the 2003 editions of the *International Plumbing Code*, *International Fuel Gas Code*, and *International Mechanical Code*.

Code construction under the 2003 codes represents a substantial time lapse in the enforcement of current codes and the adoption of the 2012 codes will bring Colleyville in line with most North Texas cities. Since the code updates will make Colleyville more consistent with other area cities, any impacts on the development community and citizens will be minimal, if barely noticeable, as most area contractors are accustomed to using the more recent codes.

As part of the code updates, Ordinance O-05-1510 (attached) and Ordinance O-05-1512 (attached) are proposed to be repealed. Ordinance O-05-1510, approved by the City Council on February 15, 2005, adopted the *2003 International Plumbing Code* and *2003 Fuel Gas Code*. Ordinance O-05-1512, approved by the City Council on February 15, 2005, adopted the *2003 International Mechanical Code* and some local amendments.

Included as part of the updates are the recommended local amendments to the code updates adopted by reference. Staff has been participating in the North Central Texas

Council of Governments (NCTCOG) Regional Codes Coordinating Committee (RCCC). The RCCC reviews all the building codes and develops a list of local amendments that can be adopted by the area cities in the North Central Texas region. Cities and contractors benefit from adopting a standardized set of local building amendments.

Attached is a presentation summarizing the proposed changes and the ordinance approving the amendments for the adoption of the new International Codes. Upon approval, the new ordinance will be incorporated into the Colleyville Code of Ordinances. Copies of the International Codes and the *National Electrical Code* and the regional amendments will be on file in the City Secretary's Office. The new codes will become effective immediately upon approval by the City Council.

Notice of the code updates have been placed on the department's web page and at the front counter in the Community Development department. Staff will be holding a first ever builder and developer roundtable on October 29, 2014 to explain the code updates and other topics to the development community.

Examples of changes included in the 2012 International Mechanical Code include:

- Ventilation in Nail Salons: Each nail station within a nail salon shall be provided with a source capture system capable of exhausting not less than 50 cubic feet per minute per station.
- Rooftop Equipment Access: Equipment on a platform or roof that requires personnel to climb higher than 16 feet must be accessible via a permanent ladder or roof hatch.

Examples of changes included in the 2012 International Plumbing Code include:

- Restroom Adjacency to Commercial Kitchens: Restrooms shall not open directly into a room used for the preparation of food for service to the public.
- Food Preparation Sinks: Sinks used for food preparation and consumption purposes are no longer permitted to connect directly to the drainage system.

Financial Impact

There is no financial impact to the City.

Recommendation

Approve

Attachments

1. 2012 ICC Code Adoption Presentation

2. Ordinance O-05-1510
3. Ordinance O-05-1512
4. Ordinance O-14-1937

2012 ICC CODE ADOPTION





Code Adoption by Area Cities

	<u>Code Version</u>
• Colleyville	2003
• Grapevine	2006 (2012 to be adopted in near future)
• NRH	2006 (2012 to be adopted in near future)
• Bedford	2009
• Euless	2009
• Flower Mound	2012
• Hurst	2012
• Keller	2012
• Southlake	2012
• Westlake	2012



International Codes Recommended Adoption

- Building Code (IBC)
- Residential Code (IRC)
- Energy Conservation Code (IECC)
- Plumbing Code (IPC)
- Fuel Gas Code (IFGC)
- Mechanical Code (IMC)
- Fire Code (IFC)
- Note: The Property Maintenance Code (IPMC) is anticipated to be adopted around FY 2016.

ICC Code Adoption Process

International
Code Council (ICC)
develops model
codes and
standards

Code changes are
proposed by any
interested party

Code changes are
ratified at the ICC
Code Hearings,
which occurs
every 3 years

New codes are
published

Regional Amendments

- Regional code amendments are promoted through the North Central Texas Council of Governments (NCTCOG)
- Standardization of model construction codes for region...
 - simplify the construction process
 - advance the safety of building systems
 - encourage common code interpretation
 - facilitate the mobility of contractors
 - reduce training and construction costs

NCTCOG Codes Coordinating Committee



- Regional Codes Coordinating Committee (RCCC)
 - Comprised of 28 Code Officials and Industry Reps
 - Appoint advisory boards and oversee code amendment process
- Advisory Boards - review proposed amendments and forward their findings to the RCCC
 - Building and Residential
 - Electrical
 - Energy and Green
 - Fire
 - Plumbing, Fuel Gas, and Mechanical



IBC Sample Code Changes

- Ambulatory Care Facilities

For medical uses where someone can be placed under general anesthesia, fire suppression systems may be required

- Photovoltaic (Solar) Systems

Rooftop systems must now meet wind and fire requirements

- Occupancy Classification of Commercial Kitchens

Changes to occupancy class for a commercial kitchen based on the type of dining facility the kitchen serves

IRC Sample Changes

- Carbon Monoxide Alarms

Required in new homes in each bedroom

- Window Fall Protection

New window standards for windows over six feet high; designed to protect children from falling

- Kitchen Make-Up Air

For large kitchen exhaust systems, a reciprocal air intake system is required in order to avert negative pressure in the home created by the exhaust system



IFC Sample Code Changes

- Emergency Egress Lighting Testing

New monthly emergency lighting test requirements

- Traffic Calming Devices

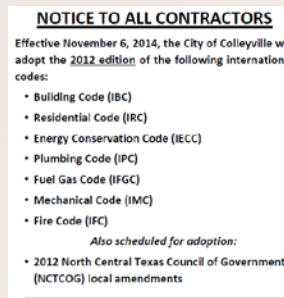
Requires Fire Marshal to approve any traffic calming device in a fire lane/fire apparatus road

- Emergency Responder Radio Coverage in New Buildings

New commercial buildings must have radio coverage for first responders when constructed with exceptions approved by Fire Marshal

New Code Implementation

- Effective date of new codes is the day after adoption (Projected to be November 6, 2014)
- Open meeting with builders, contractor, designers, and the general public scheduled for October 29, 2014
- Notices posted on City's website and in the Community Development Department



- Copies of building codes and amendments available in the City Secretary's Office
- Informational Note: Most builders, contractors, and designers are currently complying with the 2012 codes

ORDINANCE O-05-1510

AN ORDINANCE OF THE CITY OF COLLEYVILLE, TEXAS, AMENDING CHAPTER 18, ARTICLE IV OF THE CODE OF ORDINANCES OF THE CITY OF COLLEYVILLE, TEXAS TO ADOPT THE 2003 EDITION OF THE INTERNATIONAL PLUMBING CODE AND THE 2003 EDITION OF THE INTERNATIONAL FUEL GAS CODE; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS RECOMMENDED BY THE REGIONAL CODES COMMITTEE OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS; PROVIDING FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR AN EFFECTIVE DATE; PROVIDING A PENALTY AND AUTHORIZING PUBLICATION.

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interests of the citizens of Colleyville, Texas, to adopt the 2003 edition of the International Plumbing Code and the 2003 edition of the International Fuel Gas Code; and

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the citizens of Colleyville, Texas to additionally adopt the local amendments to 2003 edition of the International Plumbing Code and the 2003 edition of the International Fuel Gas Code as recommended by the Regional Codes Committee of the North Central Texas Council of Governments; and

WHEREAS, notice of a public hearing before the City Council was published in a newspaper of general circulation in Colleyville at least 15 days before such hearing.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT Section 18-164, paragraph (a) of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(a) *Adopted.* The International Plumbing Code, 2003 edition and the International Fuel Gas Code, 2003 edition, as recommended by the International Codes Council, one copy of each document of which is on file in the office of the City Secretary, are hereby adopted and incorporated by reference and made a part of this article as the plumbing code of the City of Colleyville, subject to and including by reference such amendments, corrections, and additions as shall appear in this article.

Sec. 2. THAT Section 18-164, paragraph (c) of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(c) *Amendments to International Plumbing Code*. The International Plumbing Code, 2003 edition, as recommended by the International Codes Council is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for plumbing installations in the City of Colleyville, Texas, which are as follows:

Sec. 3. THAT Section 18-164, paragraphs (c).A through (c).WW, of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Table of Contents, Chapter 7, Section 714; change to read as follows:

Section 714 Engineered Drainage Design 62

2. Section 101.2; change exceptions 1 and 2 as follows:

101.2 Scope (*Paragraph unchanged*)

Exceptions:

1. Detached one and two- family dwellings . . . (*unchanged*) . . .
International Residential Code as adopted.
2. Plumbing systems in existing buildings . . . (*unchanged*) . . .
International Existing Building Code or the provisions for existing buildings in the *International Building Code* as adopted.

3. Section 102.8; change to read as follows:

102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 13 and such codes, when specifically adopted, and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference. Where the differences occur between provisions of this code and the referenced standards, the provisions of this code shall be the minimum requirements. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC *Electrical Code* shall mean the Electrical Code as adopted.

4. Sections 106.6.2 and 106.6.3; change to read as follows:

106.6.2 Fee schedule. The fees for all plumbing work shall be as adopted by separate ordinance of the governing body of the City of Colleyville.

106.6.3 Fee Refunds. The code official shall establish a policy for authorizing the refunding of fees. (*Delete balance of section*)

5. Section 109; Delete.

6. Section 305.6.1; change to read as follows:

305.6.1 Sewer depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

7. Section 305.9; change to read as follows:

305.9 Protection of components of plumbing system. Components of a plumbing system installed within 3 feet along alleyways, driveways, parking garages or other locations in a manner in which they would be exposed to damage shall be recessed into the wall or otherwise protected in an approved manner.

8. Section 310.4; delete.

9. Sections 312.9.1 and 312.9.2; change to read as follows:

312.9.1 Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable. In the absence of local provisions, the owner is responsible to ensure that testing is performed.

312.9.2 Testing. Reduced pressure principle backflow preventer assemblies, double check-valve assemblies, pressure vacuum breaker assemblies, reduced pressure detector fire protection backflow prevention assemblies, double check detector fire protection backflow prevention assemblies, hose connection backflow preventers, and spill-proof vacuum breakers shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with applicable local provisions. In the absence of local provisions, the owner is responsible to ensure that testing is done in accordance with one of the following standards:

{list of standards unchanged}

10. Section 314.2.1; modify second sentence to read as follows:

314.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Condensate shall not discharge into a street, alley, sidewalk, rooftop, or other areas so as to cause a nuisance.

11. Section 314.2.2; change to read as follows:

314.2.2 Drain pipe materials and sizes. Components of the condensate disposal system shall be cast iron, galvanized steel, copper, cross-linked polyethylene, polybutylene, polyethylene, ABS, CPVC or PVC pipe or tubing. All components shall be selected for the pressure, temperature, and exposure rating of the installation. *{Remainder unchanged}*

12. Section 401.1; add a sentence to read as follows:

The provisions of this Chapter are meant to work in coordination with the provisions of the Building Code. Should any conflicts arise between the two chapters, the Code Official shall determine which provision applies.

13. Section 403.1; change to read as follows:

403.1 Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number as follows:

1. Assembly Occupancies: At least one drinking fountain shall be provided at each floor level in an approved location.
Exception: A drinking fountain need not be provided in a drinking or dining establishment.
2. Groups A, B, F, H, I, M and S Occupancies: Buildings or portions thereof where persons are employed shall be provided with at least one water closet for each sex except as provided for in Section 403.2.
3. Group E Occupancies: Shall be provided with fixtures as shown in Table 403.1.
4. Group R Occupancies: Shall be provided with fixtures as shown in Table 403.1.

It is recommended, but not required, that the minimum number of fixtures provided also comply with the number shown in Table 403.1. Types of occupancies not shown in Table 403.1 shall be considered individually by the code official. The number of occupants shall be determined by the *International Building Code*. Occupancy classification shall be determined in accordance with the *International Building Code*.

14. Add Section 403.1.2 to read as follows:

403.1.2 Finish material. Finish materials shall comply with Section 1209 of the *International Building Code*.

15. Section 405.6; delete.

16. Section 409.2; change to read as follows:

409.2 Water connection. The water supply to a commercial dishwashing machine shall be protected against backflow by an air gap or backflow preventer in accordance with Section 608.

17. Section 410.1; change to read as follows:

410.1 Approval. Drinking fountains shall conform to ASME A112.19.1M, ASME A112.19.2M or ASME A112.19.9M, and water coolers shall conform to ARI 1010. Drinking fountains and water coolers shall conform to NSF 61, Section 9.

Exception: A drinking fountain need not be provided in a drinking or dining establishment.

18. Section 412.4; change to read as follows:

412.4 Required location. Floor drains shall be installed in the following areas.

1. In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area.
2. Commercial kitchens. (In lieu of floor drains in commercial kitchens, the code official may accept floor sinks.)

19. Section 413.4; change to read as follows:

413.4 Water supply required. All food waste grinders shall be provided with a supply of cold water. The water supply shall be protected against backflow by an air gap or with the installation of a backflow preventer in accordance with Section 608.

20. Section 417.5; change to read as follows:

417.5 Shower floors or receptors. Floor surfaces shall be constructed of impervious, noncorrosive, nonabsorbent and waterproof materials.

Thresholds shall be a minimum of 2 inches (51 mm) and a maximum of 9 inches (229 mm), measured from top of the drain to top of threshold or dam. Thresholds shall be of sufficient width to accommodate a minimum twenty-two (22) inch (559 mm) door.

Exception: Showers designed to comply with ICC/ANSI A117.1.

21. Section 417.5.2; change to read as follows:

417.5.2 Shower lining. Floors under shower compartments, except where prefabricated receptors have been provided, shall be lined and made water tight utilizing material complying with Sections 417.5.2.1 through 417.5.2.4. Such liners shall turn up on all sides at least 2 3 inches (54 76 mm) above the finished threshold level and shall extend outward over the threshold and fastened to the outside of the threshold jamb. Liners shall be recessed and fastened to an approved backing . . . {*remainder of section unchanged*}

22. Add Section 417.7 to read as follows:

417.7 Test for shower receptors. Shower receptors shall be tested for water tightness by filling with water to the level of the rough threshold. The drain shall be plugged in a manner so that both sides of pans shall be subjected to the test at the point where it is clamped to the drain.

23. Section 419.3; change to read as follows:

419.3 Surrounding material. Wall and floor space to a point 2 feet (610 mm) in front of a urinal lip and 4 feet (1219 mm) above the floor and at least 2 feet (610 mm) to each side of the urinal shall be waterproofed with a smooth, readily cleanable, hard, nonabsorbent material.

24. Section 502.3; change to read as follows:

502.3 Water heaters installed in attics. Attics containing a water heater shall be provided . . . {*bulk of paragraph unchanged*} . . . side of the water heater. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the water heater.

25. Add Section 502.5 to read as follows:

502.5 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

502.5.1 Whenever the mezzanine or platform is not adequately lighted or access to a receptacle outlet is not obtainable from the main level, lighting and a receptacle outlet shall be provided in accordance with Section 502.3.1.

26. Section 504.6.1; change to read as follows:

504.6.1 Discharge. The relief valve shall discharge through full size piping to a safe place of disposal such as a floor drain, outside the building, or an indirect waste receptor. The discharge pipe shall not have any trapped sections. When the drain pipe run is exposed, in an area outside of the room where the water heater is located, in a manner that would make it subject to damage, the drain shall have a visible air gap or air gap fitting located in the same room as the water heater. The outlet end of the discharge pipe shall not be threaded and such discharge pipe shall not have a valve or tee installed. Relief valve piping shall be piped independent of other equipment drains or relief valve discharge piping to the disposal point. Such pipe shall be installed in a manner that does not cause personal injury to occupants in the immediate area or structural damage to the building.

The discharge pipe shall not discharge into the pan required in Section 504.7.

When discharging outside the building, the point of discharge shall be with the end of the pipe not more than two (2) feet (610 mm) nor less than six (6) inches (152 mm) above the ground or the floor level of the area receiving the discharge and pointing downward.

27. Add Section 604.4.1 to read as follows:

604.4.1 State maximum flow rate. Where the State mandated maximum flow rate is more restrictive than those of this section, the State flow rate shall take precedence.

28. Tables 605.3 and 605.4; delete "Polybutylene (PB) plastic pipe and tubing".

29. Section 606.1; delete items #4 and #5.

30. Section 606.2; items #1 and 2 change to read as follows:

1. On the fixture supply to each plumbing fixture.

Exception: Tub and shower valves.

2. On the water supply pipe to each sillcock when subject to freezing.

31. Section 608.1; change to read as follows:

608.1 General. A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from nonpotable liquids, solids or gases being introduced into the potable

water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to applicable local regulations, Table 608.1, and as specifically stated in Sections 608.2 through 608.16.9.

32. Section 608.16.5; change to read as follows:

608.16.5 Connections to lawn Irrigation Systems. The potable water supply system to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure type vacuum breaker, a double-check assembly or a reduced pressure principle backflow preventer . . . {*remainder of section unchanged*}.

33. Section 608.17; change to read as follows:

608.17 Protection of individual water supplies. An individual water supply shall be located and constructed so as to be safeguarded against contamination in accordance with applicable local regulations. In the absence of other local regulations, installation shall be in accordance with Sections 608.17.1 through 608.17.8.

34. Add Section 712.5 to read as follows:

712.5 Dual Pump System. All sumps shall be automatically discharged and, when in any "public use" occupancy where the sump serves more than 10 fixture units, shall be provided with dual pumps or ejectors arranged to function independently in case of overload or mechanical failure. For storm drainage sumps and pumping systems, see Section 1113.

35. Section 714, 714.1; change to read as follows:

SECTION 714 ENGINEERED DRAINAGE DESIGN

714.1 Design of drainage system. The sizing, design and layout of the drainage system shall be permitted to be designed by approved design methods.

36. Section 802.4; add a sentence to read as follows:

No standpipe shall be installed below the ground.

37. Section 904.1; changed to read as follows:

904.1 Roof extension. All open vent pipes that extend through a roof shall be terminated at least six (6) inches (152 mm) above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet (2134 mm) above the roof.

38. Section 912.1; change to read as follows:

912.1 Type of fixture. A combination drain and vent system shall not serve fixtures other than floor drains, standpipes, and indirect waste receptors. Combination drain and vent systems shall not receive the discharge from a food waste grinder or clinical sink.

39. Section 912.2; change to read as follows:

912.2 Installation. The only vertical pipe of a combination drain and vent system shall be the connection between the fixture drain of a standpipe, and the horizontal combination drain and vent pipe. The maximum vertical distance shall be 8 feet (2438 mm).

40. Section 1002.10; delete.

41. Section 1101.8; change to read as follows:

1101.8 Cleanouts required. Cleanouts shall be installed in the building storm drainage system...*{remainder of section unchanged}*...

42. Section 1106.1; change to read as follows:

1106.1 General. The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers shall be based on six (6) inches per hour rainfall rate.

43. Section 1107.3; change to read as follows:

1107.3 Sizing of secondary drains. Secondary (emergency) roof drain systems shall be sized in accordance with Section 1106. Scuppers shall be sized to prevent the depth of ponding water . . . *{remainder of section unchanged}*

44. Section 1202.1; delete Exception 2.

Sec. 4. THAT Section 18-164, paragraph (d) of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(d) *Amendments to International Fuel Gas Code.* The International Fuel Gas Code, 2003 edition, as recommended by the International Codes Council

is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for plumbing installations in the City of Colleyville, Texas, which are as follows:

Sec. 5. THAT Section 18-164, paragraphs (d).A through (d).AA, of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Section 102.2; add an exception to read as follows:

Exception; Existing dwelling units shall comply with Section 621.2.

2. Section 102.8; change to read as follows:

102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 8 and such codes, when specifically adopted, and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the Electrical Code as adopted.

3. Section 109; Delete entire section and insert the following:

4. Section 304.10; change to read as follows:

304.10 Louvers and grilles. The required size of openings...{bulk of paragraph unchanged}...to provide the free area specified. Where the design and free area are not known, it shall be assumed that wood louvers will have 25-percent free area and metal louvers and grilles will have 50-percent free area. {Remainder of section unchanged.}

5. Section 304.11; change Exception 8 to read as follows:

304.11 Combustion air ducts. {Bulk of section unchanged.}

8. Combustion air intake openings located on the exterior of a building shall have the lowest side of such openings located not less than 12 inches (305 mm) vertically from the adjoining grade level or the manufacturer's recommendation, whichever is more stringent.

6. Section 305.5; delete.

7. Section 305.7; change to read as follows:

305.7 Clearances from grade. Equipment and appliances installed at grade level shall be supported on a level concrete slab or other approved material extending a minimum of 3 inches (76 mm) above adjoining grade or shall be suspended a minimum of 6 inches (152 mm) above adjoining grade.

8. Section 306.3; change to read as follows:

306.3 Appliances in attics. Attics containing appliances requiring access shall be provided . . . {bulk of paragraph unchanged} . . . from the opening to the equipment. The passageway shall have continuous unobstructed solid flooring not less than 30 inches (762 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the equipment. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. As a minimum, access to the attic space shall be provided by one of the following:

1. A permanent stair.
2. A pull down stair.
3. An access door from an upper floor level.

Exception: The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening. (Delete Exception #2.)

9. Section 306.5; change to read as follows:

306.5 Equipment and appliances on roofs or elevated structures. Where equipment and appliances requiring access are installed on roofs or elevated structures at an aggregate height exceeding 16 feet (4877 mm), such access shall be provided by a permanent approved means of access. Permanent exterior ladders providing roof access need not extend closer than 8 feet (2438 mm) to the finish grade or floor level below and shall extend to the equipment and appliance's level service space. Such access shall . . . {bulk of section to read the same}. . . on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope).

A receptacle outlet shall be provided at or near the equipment and appliance location in accordance with the Electrical Code.

10. Add Section 306.5.1.1 to read as follows:

306.5.1.1 Catwalk. On roofs having slopes greater than 4 units vertical in 12 units horizontal, a catwalk at least 16 inches in width with substantial cleats spaced not more than 16 inches apart shall be provided from the roof access to the working platform at the appliance.

11. Add Section 306.7 to read as follows:

306.7 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

306.7.1. Whenever the mezzanine or platform is not adequately lighted or access to a receptacle outlet is not obtainable from the main level, lighting and a receptacle outlet shall be provided in accordance with Section 306.3.1.

12. Section 401.5; add a second paragraph to read as follows:

Both ends of each section of medium pressure corrugated stainless steel tubing (CSST) shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag:

"WARNING
1/2 to 5 psi gas pressure
Do Not Remove"

13. Section 402.3; add an exception to read as follows:

Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2".

14. Section 404.6; change to read as follows:

404.6 Piping in solid floors. Piping in solid floors shall be laid in channels in the floor and covered in a manner that will allow access to the piping with a minimum amount of damage to the building. Where such piping is subject to exposure to excessive moisture or corrosive substances, the piping shall be protected in an approved manner. As an alternative to installation in channels, the piping shall be installed in accordance with Section 404.11.

15. Section 404.9; change to read as follows:

404.9 Minimum burial depth. Underground piping systems shall be installed a minimum depth of 18 inches (458 mm) below grade.

16. Section 406.4; change to read as follows:

406.4 Test pressure measurement. Test pressure shall be measured with a monometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. For tests requiring a pressure of 3 psig, mechanical gauges shall utilize a dial with a minimum diameter of three and one half inches (3 ½"), a set hand, 1/10 pound incrementation and pressure range not to exceed 6 psi for tests requiring a pressure of 3 psig. For tests requiring a pressure of 10 psig, mechanical gauges shall utilize a dial with a minimum diameter of three and one-half inches (3 ½"), a set hand, a minimum of 2/10 pound incrementation and a pressure range not to exceed 20 psi.

17. Section 406.4.1; change to read as follows:

406.4.1 Test pressure. The test pressure to be used shall be not less than 3 psig (20 kPa gauge), or at the discretion of the Code Official, the piping and valves may be tested at a pressure of at least six (6) inches (152 mm) of mercury, measured with a manometer or slope gauge. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa) (1/2 psi) and less than 200 inches of water column pressure (52.2 kPa) (7.5 psi), the test pressure shall not be less than ten (10) pounds per square inch (69.6 kPa). For piping carrying gas at a pressure that exceeds 200 inches of water column (52.2 kPa) (7.5 psi), the test pressure shall be not less than one and one-half times the proposed maximum working pressure.

18. Section 406.4.2; change to read as follows:

406.4.2 Test duration. Test duration shall be held for a length of time satisfactory to the Code Official, but in no case for less than fifteen (15) minutes. For welded piping, and for piping carrying gas at pressures in excess of fourteen (14) inches water column pressure (3.48 kPa), the test duration shall be held for a length of time satisfactory to the Code Official, but in no case for less than thirty (30) minutes. (Delete remainder of section.)

19. Add Section 409.1.4 to read as follows:

409.1.4 Valves in CSST installations. Shutoff valves installed with corrugated stainless steel (CSST) piping systems shall be supported with

an approved termination fitting, or equivalent support, suitable for the size of the valves, of adequate strength and quality, and located at intervals so as to prevent or damp out excessive vibration but in no case greater than 12-inches from the center of the valve. Supports shall be installed so as not to interfere with the free expansion and contraction of the system's piping, fittings, and valves between anchors. All valves and supports shall be designed and installed so they will not be disengaged by movement of the supporting piping.

20. Section 410.1; add a second paragraph and exception to read as follows:

Access to regulators shall comply with the requirements for access to appliances as specified in Section 306.

Exception: A passageway or level service space is not required when the regulator is capable of being serviced and removed through the required attic opening.

21. Section 614.6; add a sentence to read as follows:

The size of duct shall not be reduced along its developed length nor at the point of termination.

22. Section 614.6.1; change to read as follows:

614.6.1 Maximum length. The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the outlet terminal with not more than two bends. When extra bends are installed, the maximum length of the duct shall be reduced 2.5 feet (762 mm) for each 45-degree (0.79 rad) bend and 5 feet (1524 mm) for each 90-degree (1.6 rad) bend that occur after the first two bends, measuring in the direction of airflow.

{Exception is unchanged}

23. Section 621.2; change to read as follows:

621.2 Prohibited use. One or more unvented room heaters shall not be used as the sole source of comfort heating in a dwelling unit.

Exception: Existing approved unvented heaters may continue to be used in dwelling units, in accordance with the code provisions in effect when installed, when approved by the Code Official unless an unsafe condition is determined to exist as described in Section 108.7.

24. Section 624.1.1; change to read as follows:

624.1.1 Installation requirements. The requirements for water heaters relative to access, sizing, relief valves, drain pans and scald protection shall be in accordance with the International Plumbing Code.

Sec. 6. THAT Section 18-178. Permit Fees, is hereby deleted.

Sec. 7. THAT Section 18-202 of Chapter 18, Article V – Mechanical Code, of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

Section 18-202. Definitions.

For the purpose of this article, certain terms, phrases, words, and their derivatives shall be construed as set out in this section. Words used in the singular include the plural and the plural includes the singular. Words used in the masculine gender include the feminine, and the feminine includes the masculine. Words used in the International Mechanical Code shall have the meanings assigned them in that document if any. Where terms, phrases, and words are not defined, they shall have their ordinary acceptable meanings within the context with which they are used. Webster's Third New International Dictionary of the English Language, unabridged copyright 1986, shall be considered as providing ordinarily accepted meanings.

Authorized person means any individual, firm, or corporation who or which is licensed under the provisions of this article to do the work as permitted under the specific provisions of this article.

Board means Contractor's Board as described by this article.

Building Code means the Colleyville Building Code as adopted by the City of Colleyville.

City means the territory within the corporate limits of the City of Colleyville, Texas, or the legally constituted governing body thereof, its agents and its officers.

City Council means the City Council of the City of Colleyville, Texas.

Code Official means the Building Official or his authorized representative employed by or under contract with the City of Colleyville for the enforcement of this article.

Contractor's Board means the Contractor's Board of Appeals of the City of Colleyville, Texas.

Electrical Code means the Colleyville Electrical Code as adopted by the City of Colleyville.

Energy Code means the Colleyville Building Code, but more specifically the International Energy Code as adopted by the City of Colleyville.

Exception means affirmative defense for all purposes.

Fire Prevention Code means the Colleyville Fire Code as adopted by the City of Colleyville.

Fuel Gas Code means the Colleyville Plumbing Code, but more specifically the International Fuel Gas Code as adopted by the City of Colleyville.

Homeowner means any person who resides in his own property.

Inspector means any person employed by the City of Colleyville for the purpose of inspecting plumbing work and installations in connection with health and safety laws and ordinances, who has no financial interests in any plumbing company, and who has successfully fulfilled the examinations and requirements of the Texas State Plumbing Board.

Mechanical Code means the Colleyville Mechanical Code as adopted by the City of Colleyville.

Residential Code means the Colleyville Building Code, but specifically the International Residential Code as adopted by the City of Colleyville.

Person means individual, firm, corporation, partnership, and any other legal or business entity.

Registered when used with the words "mechanical contractor" or the like, means that the person has made application to the code official and has provided proof that he is qualified to do the work stated in the application, that he has paid the necessary registration fees to date, been issued a certificate of registration, and that his name is carried in the records of the code official as a person authorized to do mechanical work for which he is registered.

Special approval means written consent of the code official of the City of Colleyville, Texas.

Temporary installation means installation of mechanical work that is intended to be in place for a period of time not in excess of ninety (90) days.

Sec. 8. THAT Section 18 of the Code of Ordinances of the City of Colleyville, Texas, shall remain in full force and effect, except where amended by this ordinance.

Sec. 9. THAT any person, firm, or corporation violating any of the provisions of this ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined a sum not to exceed Two Thousand Dollars (\$2,000.00). Each and every day such violation continues shall constitute a separate offense and shall be punishable as such.

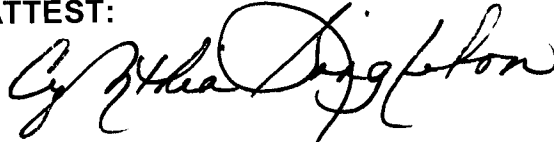
Sec. 10. THAT the City Secretary is hereby authorized and directed to cause publication of the descriptive caption and penalty clause hereof as an alternative method of publication provided by law.

AND IT IS SO ORDERED.

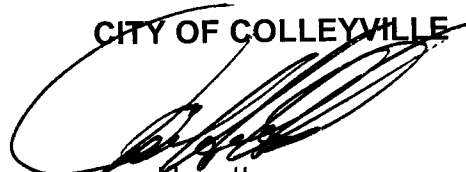
The first reading and public hearing being conducted on the 1st day of February 2005.

The second reading and public hearing being conducted on the 15th day of February 2005.

ATTEST:


Cynthia Singleton, TRMC
City Secretary

CITY OF COLLEYVILLE


Joe Hocutt
Mayor

APPROVED AS TO FORM AND LEGALITY:


Ross T. Foster
City Attorney

ORDINANCE O-05-1512

AN ORDINANCE OF THE CITY OF COLLEYVILLE, TEXAS, AMENDING CHAPTER 18, ARTICLE V OF THE CODE OF ORDINANCES OF THE CITY OF COLLEYVILLE, TEXAS TO ADOPT THE 2003 EDITION OF THE INTERNATIONAL MECHANICAL CODE; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS RECOMMENDED BY THE REGIONAL CODES COMMITTEE OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS; PROVIDING FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR AN EFFECTIVE DATE; PROVIDING A PENALTY AND AUTHORIZING PUBLICATION.

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interests of the citizens of Colleyville, Texas, to adopt the 2003 edition of the International Mechanical Code; and

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the citizens of Colleyville, Texas to adopt the local amendments to the 2003 edition of the International Mechanical Code as recommended by the Regional Codes Committee of the North Central Texas Council of Governments; and

WHEREAS, notice of a public hearing before the City Council was published in a newspaper of general circulation in Colleyville at least 15 days before such hearing.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT Chapter 18, Section 18-205, paragraph (a), of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(a) *Adopted.* The International Mechanical Code, 2003 edition, as recommended by the International Codes Council, a copy of which is on file in the office of the City Secretary, is hereby adopted and incorporated by reference and made a part of this article as the mechanical code of the City of Colleyville, subject to and including by reference such amendments, corrections, and additions as shall appear in this article.

Sec. 2. THAT Chapter 18, Section 18-205, paragraph (c), of the Code of Ordinances of the City of Colleyville, Texas, is hereby amended in its entirety to read as follows:

(c) *Amendments to International Mechanical Code.* The International Mechanical Code, 2003 edition, as recommended by the International

Codes Council is hereby amended to include the recommendations of the Regional Codes Committee of the North Central Texas Council of Governments for mechanical installations in the City of Colleyville, Texas, which are as follows:

Sec. 3. THAT Chapter 18, Section 18-205, paragraphs (c)(1) through paragraph (c)(31), of the Code of Ordinances of the City of Colleyville, Texas, are hereby deleted and replaced with the following paragraphs to read as follows:

1. Section 102.8; change to read as follows:

102.8 Referenced codes and standards. The codes and standards referenced herein shall be those that are listed in Chapter 15 and such codes, when specifically adopted, and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the Electrical Code as adopted.

2. Section 109, delete.

3. Section 302.3; change to read as follows:

302.3 Cutting, notching and boring in wood framing. When permitted by the International Building Code, the cutting, notching and boring of wood framing members shall comply with Sections 302.3.1 through 302.3.4.

4. Section 304.6; delete.

5. Section 304.9; change to read as follows:

304.9 Clearances from grade. Equipment and appliances installed at grade level shall be supported on a level concrete slab or other approved material extending above adjoining grade a minimum of 3 inches (76 mm) or shall be suspended a minimum of 6 inches (152 mm) above adjoining grade.

6. Section 306.3; change to read as follows:

306.3 Appliances in attics. Attics containing appliances requiring access shall be provided . . . *{bulk of paragraph unchanged}* . . . from the opening to the appliance. The passageway shall have continuous unobstructed solid flooring not less than 30 inches (762 mm) wide. A level service

space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. As a minimum, access to the attic space shall be provided by one of the following:

- 1 A permanent stair.
- 2 A pull down stair.
3. An access door from an upper floor level.

Exception: The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.

7. Section 306.5; change to read as follows:

306.5 Equipment and appliances on roofs or elevated structures. Where equipment and appliances requiring access are installed on roofs or elevated structures at an aggregate height exceeding 16 feet (4877 mm), such access shall be provided by a permanent approved means of access. Permanent exterior ladders providing roof access need not extend closer than 8 feet (2438 mm) to the finish grade or floor level below and shall extend to the equipment and appliance's level service space. Such access shall . . . *{bulk of section to read the same}*. . . on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope).

A receptacle outlet shall be provided at or near the equipment and appliance location in accordance with the Electrical Code.

8. Add Section 306.6.1 to read as follows:

306.6.1 Catwalk. On roofs having slopes greater than 4 units vertical in 12 units horizontal, a catwalk at least 16 inches in width with substantial cleats spaced not more than 16 inches apart shall be provided from the roof access to the working platform at the appliance.

9. Add Section 306.7 to read as follows:

306.7 Water heaters above ground or floor. When the mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

306.7.1 Whenever the mezzanine or platform is not adequately lighted or

access to a receptacle outlet is not obtainable from the main level, lighting and a receptacle outlet shall be provided in accordance with Section 306.3.1.

10. Section 307.2.1; modify second sentence to read as follows:

307.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Condensate shall not discharge into a street, alley, sidewalk, rooftop, or other areas so as to cause a nuisance.

11. Section 307.2.2; change to read as follows:

307.2.2 Drain pipe materials and sizes. Components of the condensate disposal system shall be cast iron, galvanized steel, copper, cross-linked polyethylene, polybutylene, polyethylene, ABS, CPVC or PVC pipe or tubing. All components shall be selected for the pressure, temperature, and exposure rating of the installation. *{Remainder unchanged}*

12. Section 307.2.3; add item #4 to read as follows:

4. Discharge, as noted, shall be to a conspicuous point of disposal to alert occupants in the event of a stoppage of the drain. However, the conspicuous point shall not create a hazard such as dripping over a walking surface or other areas so as to create a nuisance.

13. Section 401.5; add a second exception to read as follows:

Exceptions:

1. *{existing exception unchanged}*
2. Toilet room exhaust ducts may terminate in a warehouse or shop area when infiltration of outside air is present.

14. Section 403.2; add an exception to read as follows:

Exception: Where the design professional demonstrates that an engineered ventilation system is designed in accordance with ASHRAE 62, the minimum required rate of outdoor air shall be permitted to be as specified in such engineered system design.

15. Section 403.2.1; add an item #4 to read as follows:

4. Toilet rooms within private dwellings that contain only a water closet, lavatory or combination thereof may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

16. Table 403.3, footnote g: change to read as follows:

- g. Transfer air permitted in accordance with Section 403.2.2. Toilet rooms within private dwellings that contain only a water closet, lavatory or combination thereof may be ventilated with an approved mechanical recirculating fan or similar device designed to remove odors from the air.

17. Section 501.2; add a third exception to read as follows:

Exceptions:

1. {existing exception unchanged}
2. {existing exception unchanged}
3. Toilet room exhaust ducts may terminate in a warehouse or shop area when infiltration of outside air is present.

18. Section 504.6; add a sentence to read as follows:

The size of duct shall not be reduced along its developed length nor at the point of termination.

19. Section 504.6.1; change to read as follows:

504.6.1 Maximum length. The maximum length of a clothes dryer exhaust duct shall not exceed 25 feet (7620 mm) from the dryer location to the outlet terminal with not more than two bends. When extra bends are installed, the maximum length of the duct shall be reduced 2.5 feet (762 mm) for each 45-degree (0.79 rad) bend and 5 feet (1524 mm) for each 90-degree (1.6 rad) bend that occur after the first two bends, measuring in the direction of airflow. The maximum length of the exhaust duct does not include the transition duct.

{Exception is unchanged}

20. Section 506.3.10; change to read as follows:

506.3.10 Grease duct enclosure. A grease duct serving a Type I hood that penetrates a ceiling, wall or floor shall be enclosed ...{bulk of paragraph unchanged}... through the use of weather-protected openings. Clearance from the duct to the interior surface of enclosures of combustible construction shall be not less than 18 inches (457 mm). Clearance from the duct to the interior surface of enclosures of noncombustible construction or gypsum wallboard attached to noncombustible structures shall be not less than 6 inches (152 mm) 3 inches (76 mm) or more than 12 inches (305 mm). The duct enclosure

shall serve a single grease exhaust duct system and shall not contain any other ducts, piping, wiring or systems.

Delete second exception.

21. Section 607.2.2; change to read as follows:

607.2.2 Hazardous exhaust ducts. Hazardous exhaust duct systems shall extend directly to the exterior of the building and shall not extend into or through ducts and plenums. Penetration of structural elements shall conform to this section and the International Building Code except that fire dampers are not required at penetration of fire-resistance-rated assemblies.

22. Section 607.5.1; change to read as follows:

607.5.1 Fire Walls. Ducts and air transfer openings permitted in fire walls in accordance with Section 705.11 of the International Building Code shall be protected with approved fire dampers installed in accordance with their listing. Hazardous exhaust ducts shall not penetrate fire walls.

Sec. 4. THAT Section 18 of the Code of Ordinances of the City of Colleyville, Texas, shall remain in full force and effect, except where amended by this ordinance.

Sec. 5. THAT any person, firm, or corporation violating any of the provisions of this ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined a sum not to exceed Two Thousand Dollars (\$2,000.00). Each and every day such violation continues shall constitute a separate offense and shall be punishable as such.

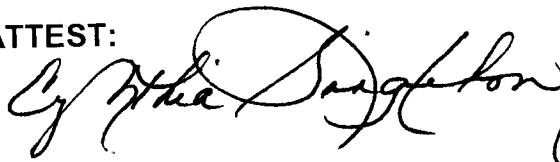
Sec. 6. THAT the City Secretary is hereby authorized and directed to cause publication of the descriptive caption and penalty clause hereof as an alternative method of publication provided by law.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 15th day of February 2005.

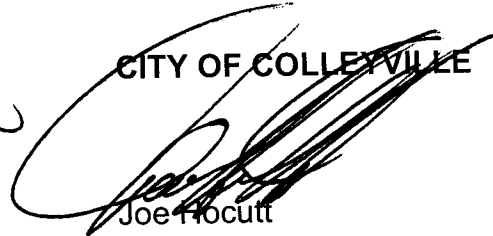
The second reading and public hearing being conducted on the 15th day of February 2005.

ATTEST:



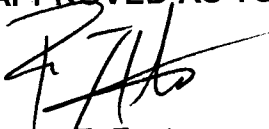
Cynthia Singleton, TRMC
City Secretary

CITY OF COLLETVILLE



Joe Hocutt
Mayor

APPROVED AS TO FORM AND LEGALITY:



Ross T. Foster
City Attorney

ORDINANCE O-14-1937

ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL PLUMBING CODE* BY REFERENCE; ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL FUEL GAS CODE* BY REFERENCE; AND ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL MECHANICAL CODE* BY REFERENCE; AMENDING ALL CONFLICTING PORTIONS OF SECTION 18 OF THE COLLEYVILLE OF CODE ORDINANCES; REPEALING ORDINANCE O-05-1510 AND O-05-1512; REPEALING ALL ORDINANCES IN CONFLICT HERewith; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS BY REFERENCE THERETO; PROVIDING FOR RECORDING OF SUCH CODE AS A PUBLIC RECORD; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE OF ALL ORDINANCES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the City of Colleyville, Texas is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Council of the City of Colleyville deems it necessary to adopt this ordinance governing requirements for the installation and maintenance of plumbing systems including requirements for materials, in order to protect the health, safety and welfare of the citizens of the City of Colleyville; and

WHEREAS, beginning in the spring of 2012, North Central Texas Council of Governments (NCTCOG) Regional Codes Coordinating Committee (RCCC), and its four advisory boards conducted open review meetings over a one year period to review the 2012 editions of the International Codes and to develop regional amendments. Their review and recommendations were completed and endorsed by the NCTCOG Executive Board in March 2013. Now NCTCOG encourages jurisdictions in North Central Texas to adopt the *2012 International Plumbing Code* along with its respective regional amendments.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT the City of Colleyville hereby adopts the 2012 edition of the *International Plumbing Code*, published by the International Code Council, Inc., save and except such portions as are

deleted or amended by this ordinance, and the same are hereby adopted by reference and incorporated as fully as if set out at length herein.

- Sec. 2. THAT the *2012 International Plumbing Code*, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments. The City of Colleyville may from time to time determine that additional local modifications to the *2012 International Plumbing Code* are necessary and appropriate to meet the unique construction needs of the City of Colleyville. To effectuate these modifications, the City council shall enact individual ordinances amending this ordinance fully setting forth the change to be made as adopted by reference through the adoption of the 2012 NCTCOG local amendments.
- Sec. 3. THAT the *International Fuel Gas Code*, 2012 edition, published by the International Code Council, Inc., is hereby adopted by reference as the Fuel Gas Code of the City of Colleyville, except for fuel gas systems otherwise regulated under the International Residential Code as adopted.
- Sec. 4. THAT the *2012 International Fuel Gas Code*, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments. The City of Colleyville may from time to time determine that additional local modifications to the *2012 International Fuel Gas Code* are necessary and appropriate to meet the unique construction needs of the City of Colleyville. To effectuate these modifications, the City Council shall enact individual ordinances amending this ordinance fully setting forth the change to be made as adopted by reference through the adoption of the 2012 NCTCOG local amendments.
- Sec. 5. THAT the City of Colleyville hereby adopts the 2012 Edition of the *International Mechanical Code* by reference, published by the International Code Council, Inc., save and except such portions as are deleted or amended by this ordinance, and the same are hereby adopted and incorporated as fully as if set out at length herein.
- Sec. 6. THAT the *2012 International Mechanical Code*, as adopted herein, is hereby amended by reference through the adoption of the 2012 NCTCOG local amendments. The City of Colleyville

may from time to time determine that additional local modifications to the *2012 International Mechanical Code* are necessary and appropriate to meet the unique construction needs of the City of Colleyville. To effectuate these modifications, the City Council shall enact individual ordinances amending this ordinance fully setting forth the change to be made as adopted by reference through the adoption of the 2012 NCTCOG local amendments.

- Sec. 7. THAT a copy of all codes and amendments adopted by this ordinance shall be kept on file with the City Secretary.
- Sec. 8. THAT this ordinance shall be cumulative of all provisions of ordinances of the City of Colleyville, Texas, except where the provisions of this ordinance are in direct conflict with the provisions of such ordinances, in which event the conflicting provisions of such ordinances are hereby repealed. This ordinance is intended to replace Ordinance O-05-1510 and Ordinance O-05-1512.
- Sec. 9. THAT it is hereby declared to be the intention of the City Council 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 shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this ordinance, since the same would have been enacted by the City council without the incorporation in this ordinance of any such unconstitutional phrase, clause, sentence, paragraph, or section. It is not the intention of this ordinance to conflict in any way with the Plumbing License Law of Texas.
- Sec. 10. THAT any person, firm or corporation who violates, disobeys, omits, neglects, or refuses to comply with or who resists the enforcement of any of the provisions of this ordinance shall be fined not more than Two Thousand Dollars (\$2,000.00) for all violations involving zoning, fire safety or public health and sanitation, including dumping or refuse, and shall be fined not more than five hundred_dollars (\$500) for all other violations of

this ordinance. Each day that a violation is permitted to exist shall constitute a separate offense.

Sec. 11. THAT all rights and remedies of the City of Colleyville are expressly saved as to any and all violations of the provisions of any ordinances affecting the installation and maintenance of systems 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.

Sec. 12. THAT this ordinance shall take effect immediately from and after its passage.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 21st day of October 2014.

The second reading and public hearing being conducted on the 5th day of November 2014.

PASSED AND APPROVED by the City Council of the City of Colleyville, Texas, on this the _____ day of _____ 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelley, TRMC
City Secretary

David Kelly
Mayor

APPROVED AS TO FORM AND LEGALITY:

Matthew C. G. Boyle
City Attorney



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 5c

Agenda Date 11/05/2014

Number Ordinance O-14-1938

Type Ordinance

Department Community Development

Title

Consideration of adoption of the 2012 edition of the *International Fire Code*, along with the local amendments as recommended by the Regional Codes Coordinating Committee of the North Central Texas Council of Governments, Case GC14-019

Explanation

Second Reading and Public Hearing

There were no speakers regarding this request at the October 21, 2014 City Council meeting.

First Reading and Public Hearing

This item serves as the third and final ordinance consideration as part of the 2012 code updates.

Attached is the proposed ordinance to adopt the 2012 edition of the *International Fire Code*. Currently, the City of Colleyville is operating under the 2003 edition of the *International Fire Code*. Code construction under the 2003 code represents a substantial time lapse in the enforcement of current codes and the adoption of the 2012 codes will bring Colleyville in line with most North Texas cities.

Included in the ordinance are the recommended local amendments to the code updates adopted by reference. Staff has been participating in the North Central Texas Council of Governments (NCTCOG) Regional Codes Coordinating Committee (RCCC). The RCCC reviews all the building codes and develops a list of local amendments that can be adopted by the area cities in the North Central Texas region. Cities and contractors benefit from adopting a standardized set of local building amendments.

In addition to the NCTCOG amendments, a portion of the locally adopted amendments to the Fire Code approved under Ordinance O-05-1520 (attached) is preserved in the amendments included with the proposed ordinance. Ordinance O-05-1520 was approved by the City Council on April 19, 2005. Section 903.2.10.7 to be preserved from Ordinance O-05-1520 reads as follows: "Automatic Sprinkler Requirements for Group R-3. An automatic sprinkler system shall be installed in all Group R3 buildings with a building area over 7,500 sq. ft. or living area over 6,000 sq. ft. For the purpose of this provision, living area shall include all areas included in "air conditioned", future or "bonus rooms" or other areas determined to be actual or intended living areas."

The State of Texas pre-empts cities from enforcing this requirement unless the City contained this requirement in its existing codes prior to the adoption of the State pre-emption.

Attached is a presentation summarizing the proposed changes and the ordinance approving the amendments for the adoption of the new International Codes. Upon approval, the new ordinance will be incorporated into the Colleyville Code of Ordinances. Copies of the International Codes and the *National Electrical Code* and the regional amendments will be on file in the City Secretary's Office. The new codes will become effective immediately upon approval by the City Council.

Notice of the code updates have been placed on the department's web page and at the front counter in the Community Development department. Staff will be holding a first ever builder and developer roundtable on October 29, 2014 to explain the code updates and other topics to the development community.

Examples of changes included in the *2012 International Fire Code* include:

- Emergency Egress Lighting Testing: New monthly emergency lighting test requirements
- Traffic Calming Devices: Requires Fire Marshal to approve any traffic calming device in a fire lane/fire apparatus road
- Emergency Responder Radio Coverage in New Buildings: New commercial buildings must have radio coverage for first responders when constructed with exceptions approved by Fire Marshal

Financial Impact

There is no financial impact to the City.

Recommendation

Approve

Attachments

1. 2012 ICC Code Adoption Presentation
2. Ordinance O-05-1520
3. Ordinance O-14-1938

2012 ICC CODE ADOPTION





Code Adoption by Area Cities

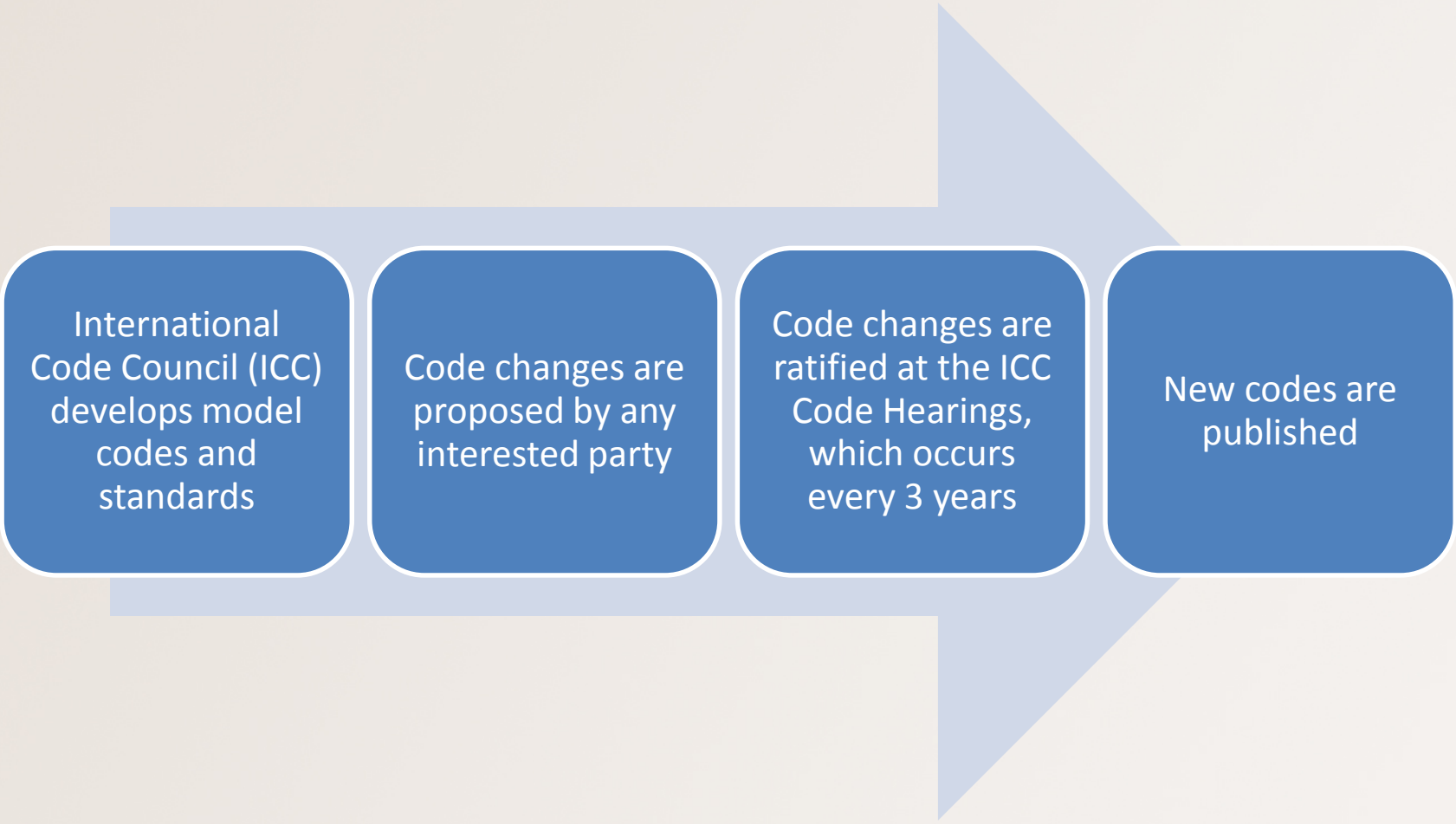
	<u>Code Version</u>
• Colleyville	2003
• Grapevine	2006 (2012 to be adopted in near future)
• NRH	2006 (2012 to be adopted in near future)
• Bedford	2009
• Euless	2009
• Flower Mound	2012
• Hurst	2012
• Keller	2012
• Southlake	2012
• Westlake	2012



International Codes Recommended Adoption

- Building Code (IBC)
- Residential Code (IRC)
- Energy Conservation Code (IECC)
- Plumbing Code (IPC)
- Fuel Gas Code (IFGC)
- Mechanical Code (IMC)
- Fire Code (IFC)
- Note: The Property Maintenance Code (IPMC) is anticipated to be adopted around FY 2016.

ICC Code Adoption Process

A large, light blue arrow points from left to right across the center of the slide. Four blue rounded rectangular boxes are placed along the path of the arrow, each containing a step in the process.

International
Code Council (ICC)
develops model
codes and
standards

Code changes are
proposed by any
interested party

Code changes are
ratified at the ICC
Code Hearings,
which occurs
every 3 years

New codes are
published

Regional Amendments

- Regional code amendments are promoted through the North Central Texas Council of Governments (NCTCOG)
- Standardization of model construction codes for region...
 - simplify the construction process
 - advance the safety of building systems
 - encourage common code interpretation
 - facilitate the mobility of contractors
 - reduce training and construction costs

NCTCOG Codes Coordinating Committee



- Regional Codes Coordinating Committee (RCCC)
 - Comprised of 28 Code Officials and Industry Reps
 - Appoint advisory boards and oversee code amendment process
- Advisory Boards - review proposed amendments and forward their findings to the RCCC
 - Building and Residential
 - Electrical
 - Energy and Green
 - Fire
 - Plumbing, Fuel Gas, and Mechanical



IBC Sample Code Changes

- Ambulatory Care Facilities

For medical uses where someone can be placed under general anesthesia, fire suppression systems may be required

- Photovoltaic (Solar) Systems

Rooftop systems must now meet wind and fire requirements

- Occupancy Classification of Commercial Kitchens

Changes to occupancy class for a commercial kitchen based on the type of dining facility the kitchen serves

IRC Sample Changes

- Carbon Monoxide Alarms

Required in new homes in each bedroom

- Window Fall Protection

New window standards for windows over six feet high; designed to protect children from falling

- Kitchen Make-Up Air

For large kitchen exhaust systems, a reciprocal air intake system is required in order to avert negative pressure in the home created by the exhaust system



IFC Sample Code Changes

- Emergency Egress Lighting Testing

New monthly emergency lighting test requirements

- Traffic Calming Devices

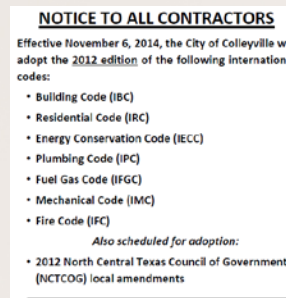
Requires Fire Marshal to approve any traffic calming device in a fire lane/fire apparatus road

- Emergency Responder Radio Coverage in New Buildings

New commercial buildings must have radio coverage for first responders when constructed with exceptions approved by Fire Marshal

New Code Implementation

- Effective date of new codes is the day after adoption (Projected to be November 6, 2014)
- Open meeting with builders, contractor, designers, and the general public scheduled for October 29, 2014
- Notices posted on City's website and in the Community Development Department



- Copies of building codes and amendments available in the City Secretary's Office
- Informational Note: Most builders, contractors, and designers are currently complying with the 2012 codes

ORDINANCE O-05-1520

AN ORDINANCE OF THE CITY OF COLLEYVILLE, TEXAS, AMENDING CHAPTER 46, ARTICLE 2 – FIRE CODE, OF THE CODE OF ORDINANCES OF THE CITY OF COLLEYVILLE, TEXAS TO ADOPT THE 2003 EDITION OF THE INTERNATIONAL FIRE CODE; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS RECOMMENDED BY THE REGIONAL CODES COMMITTEE OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS; PROVIDING FOR THE VIOLATION OF THIS ORDINANCE; PROVIDING FOR AN EFFECTIVE DATE; PROVIDING A PENALTY AND AUTHORIZING PUBLICATION.

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the health, safety, and welfare of the citizens of Colleyville, Texas to adopt the 2003 Edition of the International Fire Code; and

WHEREAS, the City Council of the City of Colleyville has determined that it is in the best interest of the health, safety, and welfare of the citizens of Colleyville, Texas to additionally adopt the local amendments to the 2003 Edition of the International Fire Code as recommended by the Regional Codes Committee of the North Central Texas Council of Governments.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

- Sec. 1. **THAT** the above findings are hereby found to be true and correct and are incorporated herein by reference as if copied in their entirety.
- Sec. 2. **THAT** that City hereby adopts the 2003 Edition of the International Fire Code, including Appendices B, C, D, E, F, and G subject to the amendments provided for herein.
- Sec. 3. The following sections, paragraphs, and sentences of the *2003 International Fire Code* as adopted in Section 46-31 are hereby amended as follows: Standard type is text from the IFC. Underlined type is text inserted. ~~Lined through type is deleted text from IFC.~~)

Section 101.1; change to read as follows:

101.1 Title. These regulations shall be known as the Fire Code of the City of Colleyville, hereinafter referred to as "this code".

Section 102.4; International Fire Code, change to read as follows:

102.4; Application of other codes. The design and construction of new structures shall comply with the ~~International Building Code. Repairs, alterations and additions to the existing structure shall comply with the International Existing Building Code.~~ this code, and other codes as applicable, and any alterations, additions, changes in use or changes in structures required which are within the scope of this and other codes shall be made in accordance therewith.

Section 102.6; change to read as follows:

102.6 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 45 and such codes, when specifically adopted, and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the Electrical Code as adopted.

Section 103; change to read as follows:

Section 103.1 General. The Fire Code shall be enforced by the Fire Prevention Division of the Fire Department. ~~The Department of fire prevention is established within the jurisdiction under the direction of the fire code official. The function of this division the department shall be the implementation, administration and enforcement of the provisions of this code.~~

Section 103.2 Appointment. The Code Official (Fire Marshal) shall be appointed by the Fire Chief, ~~chief appointing authority of the jurisdiction;~~ ~~and the fire code official shall not be removed from office except for cause and after full opportunity to be heard on specific and relevant charges by and before the appointing authority.~~

Section 103.3 Deputies. ~~In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the fire code official shall have the authority to appoint a deputy fire code~~

~~official, other related technical officers, inspectors and other employees. The Fire Marshal, with the concurrence of the appointing authority, shall have the authority to appoint a deputy Code Official, other related technical officers, inspectors and other employees.~~

Section 105.1.1; change to read as follows:

Section 105.1.1 Permits Required. Permits required by this code shall be obtained from the Code Official. Permit fees, if any, shall be paid prior to the issuance of the permit. Permit fees are stipulated in Section 22-1, Code of Ordinances, City of Colleyville, Texas. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the fire code official.

~~**Section 105.6.16 Fire hydrants and valves.** An operational permit is required to use or operate fire hydrants or valves intended for fire suppression purposes which are installed on water systems and accessible to a fire apparatus access road that is open to or generally used by the public.~~

~~**Exception:** A permit is not required for authorized employees of the water company that supplies the system or the fire department to use or operate fire hydrants or valves.~~

~~**Section 105.6.35 Places of Assembly.** An operational permit is required to operate a place of assembly.~~

~~**Section 105.7.9 Private Fire Hydrants.** A construction permit is required for the installation or modification of private fire hydrants.~~

Section 109.3; change to read as follows:

109.3 Violation Penalties. Persons who violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directives of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a ~~[SPECIFY OFFENSE]~~ misdemeanor, punishable by a fine of not more than ~~[AMOUNT]~~ Two Thousand (\$2,000.00) dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 111.4; change to read as follows:

Section 111.4 Failure to comply. Any person, firm or corporation who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject ~~to a fine of not less than [AMOUNT] dollars or more than [AMOUNT] dollars.~~ to a fine not to exceed Two Thousand Dollars (\$2,000.00).

Section 202; amend definition of Fire Watch as follows:

Fire Watch. A temporary measure intended to ensure continuous and systematic surveillance of a building or portion thereof by one or more qualified individuals or standby personnel when required by the fire code official, for the purposes of identifying and controlling fire hazards, detecting early signs of unwanted fire, raising an alarm of fire and notifying the fire department.

Section 202; add new definitions to read as follows:

Emergency Access Easement. An access road or fire lane located on private property dedicated by the owner(s) of the property to provide fire apparatus access.

High-Rise Building. Any structure used for human occupancy and/or storage more than 55 feet above the lowest level of fire department vehicle access.

Self-Service Storage Facility. Real property designated and used for the purpose of renting or leasing individual spaces to customers for the purpose of storing and removing personal property on a self-service basis.

Standby Personnel. Qualified fire service personnel, approved by the Fire Chief. When utilized, the number required shall be as directed by the Fire Chief. Charges for utilization shall be as normally calculated by the jurisdiction.

Code Official. The Fire Chief, Fire Marshal, or member of the fire department charged with the duties of administration and enforcement of this code, or a duly authorized representative.

Reviewed. Reviewed by the office of the Code Official/Fire Marshal office for code compliance.

Contractor's Board. The Board of Appeals of the City of Colleyville, Texas

City. Shall mean the City of Colleyville, Texas.

Section 307; change to read as follows:

307.1 General. Except as provided below, a A person shall not kindle or maintain or authorize to be kindled or maintained any open burning, ~~unless conducted and approved in accordance with this section.~~

Exceptions:

1. Outdoor, attached fireplaces may be used but must be attended at all times during use.
2. Outdoor, recreational fires are allowed provided they are enclosed in an approved chamber. Outdoor burning or open burning that may be offensive or objectionable because of smoke or odor emissions when atmospheric conditions or local circumstances make such fire hazardous shall be prohibited. For the purpose of this definition, a chamber shall be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.

~~307.2 Permit required.~~ ~~A permit shall be obtained from the fire code official in accordance with Section 105.6 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or a bonfire. Application for such approval shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.~~

~~307.2.1 Authorization.~~ ~~Where required by state or local law or regulations, open burning shall only be permitted with prior approval from the state or local air and water quality management authority, provided that all conditions specified in the authorization are followed.~~

307.2.2 Prohibited open burning. Open burning that will be offensive or objectionable because of smoke or odor emissions when atmospheric conditions or local circumstances make such fires hazardous shall be

prohibited. The fire code official is authorized to order the extinguishment by the permit holder or the fire department of open burning which creates or adds to a hazardous or objectionable situation.

~~**307.3 Location.** The location for open burning shall not be less than 50 feet (15 240 mm) from any structure, and provisions shall be made to prevent the fire from spreading to within 50 feet (15 240 mm) of any structure.~~

Exceptions:

- ~~1. Fires in approved containers that are not less than 15 feet (4572 mm) from a structure.~~
- ~~2. The minimum required distance from a structure shall be 25 feet (7620 mm) where the pile size is 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height.~~

~~**307.3.1 Bonfires.** A bonfire shall not be conducted within 50 feet (15 240 mm) of a structure or combustible material unless the fire is contained in a barbecue pit. Conditions which could cause a fire to spread within 50 feet (15 240 mm) of a structure shall be eliminated prior to ignition.~~

~~**307.3.2 Recreational fires.** Recreational fires shall not be conducted within 25 feet (7620 mm) of a structure or combustible material. Conditions which could cause a fire to spread within 25 feet (7620 mm) of a structure shall be eliminated prior to ignition.~~

Section 405.1; change to read as follows:

405.1 General. Emergency evacuation drills complying with the provisions of this section shall be conducted in the occupancies listed in ~~Section 404.2~~ Table 405.2 or when required by the fire code official. Drills shall be designed in cooperation with the local authorities.

Section 408.5.4; change to read as follows:

408.5.4 Drill frequency. Emergency evacuation drills shall be conducted at least ~~six~~ twelve times per year, ~~two~~ four times per year on each shift. Twelve drills shall be conducted in the first year of operation. Drills are not required to comply with the time requirements of Section 405.4.

Section 503.1.1; add the following sentence to the first paragraph:

503.1.1 Buildings and facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility. Except for single or two-family residences, the path of measurement shall be along a minimum of a ten feet (10') wide unobstructed pathway around the external walls of the structure.

Exception: The fire code official is authorized to increase the dimension of 150 feet (45 720 mm) where:

1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.
2. Fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.
3. There are not more than two Group R-3 or Group U occupancies.

Section 503.2.1; change to read as follows:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than ~~20-24~~ feet (~~6096 mm~~ 7315mm), except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than ~~13 feet 6 inches (4115 mm.-)~~ 14 feet (4267 mm).

Section 503.2.2; change to read as follows:

503.2.2 Authority. The fire code official shall have the authority to require an increase in the minimum access widths and vertical clearances where they are inadequate for fire or rescue operations.

Section 503.3; change to read as follows:

503.3 Marking. ~~Where required by the fire code official, approved~~ Approved striping or, when allowed by the code official, signs, or both, or ~~other approved notices~~ shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. ~~Signs or notices~~ and striping shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.

(1) Striping – Fire apparatus access roads shall be marked by painted lines of red traffic paint six inches (6") in width to show the boundaries of the lane. The words "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" shall appear in four inch (4") white letters at 15 feet intervals on the red border markings along both sides of the fire lanes. Where a curb is available, the striping shall be on the vertical face of the curb.

(2) Signs – Signs shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be 12" wide and 18" high. Signs shall be painted on a white background with letters and borders in red, using not less than 2" lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above finished grade. Signs shall be spaced not more than fifty feet (50') apart. Signs may be installed on permanent buildings or walls or as approved by the Fire Chief.

Section 503.4; change to read as follows:

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 and any area marked as a fire lane as described in Section 503.3 shall be maintained at all times.

Section 505.3; add section as follows:

505.3 If required by the fire code official, exterior doors shall be numbered on the inside and outside of each door. Door identification shall be a minimum of 4 inch (102mm) with a minimum stroke width of 0.5 inch (12.7mm) and shall contrast with their background.

Section 508; change to read as follows:

508.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than ~~400 feet (122 m)~~ 300 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official.

Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirement shall be ~~600 feet (183 m)~~. 500 feet.
2. ~~For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance requirement shall be 600 feet (183 m).~~

Section 508.5.7; add to read as follows:

508.5.7, Fire hydrants. All fire hydrants located on public or private property, shall be installed in accordance with the Code of Ordinance, City of Colleyville, Texas. Appendix A, Water and Sewer Policy and Procedure Manual, Section 7, sub-section c.

Section 508.5.8; add to read as follows:

508.5.8, Fire hydrant location. The location of fire hydrants on private property or along a fire access road shall be approved by the fire code official.

Section 508.5.9; add to read as follows:

508.5.9 Fire hydrants not installed on public streets. Fire hydrants that are not on public streets shall be looped to provide a water supply from two directions.

Section 508.5.10; add to read as follows:

508.5.10, Fire hydrant markings: All fire hydrants shall be identified by the painting of the body a Kem-Lustral Vermillion Red or an equivalent coating. Equivalent must be approved by the Fire Marshal. The Fire Marshal may approve an alternative marking of hydrants.

Section 508.5.11; add to read as follows:

508.5.2.5, Hydra-Storz connections, All fire hydrants whether on private property, public or a private street, shall be equipped with a five inch (5") Hydra-Storz connector on the four and one half inch (4-1/2") steamer outlet.

Section 511; add to read as follows:

Section 511. Public access defibrillators.

Where, based on occupancy type, load or use, other otherwise as required by the fire code official, Automatic External Defibrillators (AED) shall be placed throughout the building. The fire code official shall determine the number and type of AED required. The fire code official may require that occupants be trained in the use of the AED device.

Section 704.1; change to read as follows:

704.1 Enclosure. Interior vertical shafts, including but not limited to stairways, elevator hoistways, service and utility shafts, that connect two or more stories of a building shall be enclosed or protected in accordance with the codes in effect at the time of construction but, regardless of when constructed, not less than as specified in Table 704.1. When openings are required to be protected, openings into such shafts shall be maintained self-closing or automatic-closing by smoke detection. Existing fusible-link-type automatic door-closing devices are permitted if the fusible link rating does not exceed 135°F (57°C).

Section 804.1.1; change to read as follows:

804.1.1 Restricted occupancies. Natural cut trees shall be prohibited in Group A, E, I-1, I-2, I-3, I-4, M, R-1, R-2 and R-4 occupancies.

Exceptions:

1. Trees located in areas protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 shall not be prohibited in Groups A, E, M, R-1 and R-2.
2. Trees shall not be permitted within dwelling units in Group R-2 occupancies.

Section 901.4; changed to read as follows:

901.4 Installation. Fire protection systems shall be maintained in accordance with the original installation standards for that system. Required systems shall be extended, altered, or augmented as necessary to maintain and continue protection whenever the building is altered, remodeled or added to. Alterations to fire protection systems shall be done in accordance with applicable standards. Any alteration to the fire protection system must be approved and a permit issued by the Fire Marshal. Hydrostatic testing of the system may be required prior to the acceptance of any system alteration.

Section 901.7; change to read as follows:

901.7 Systems out of service. Where a required fire protection system is out of service or in the event of an excessive number of activations, the fire department and the code official shall be notified immediately and, where required by the code official, the building shall either be evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shut down until the fire protection system has been returned to service.

Section 902.1; Definition of "Fire Area", change to read as follows:

902.1, Fire Areas. The aggregate floor area enclosed and bounded by ~~fire walls, fire barriers, exterior walls, or fire resistance-rated horizontal~~

~~assemblies of a building~~ of a building regardless of the installation of fire walls, fire barriers, fire partitions, or demising walls. For the purpose of square footage requirements for a fire sprinkler system, the total building will be considered one structure. Buildings must be separated by a least twenty (20') feet to be considered separate buildings.

Section 902.1; under "Standpipe, Types of" definition, amend "Manual dry" by adding a sentence to read as follows:

A dry standpipe system that does not have a permanent water supply attached to the system. Manual dry standpipe systems require water from a fire department pumper to be pumped into the system through the fire department connection in order to supply the system demand. The system must be supervised as specified in Section 905.2.

Section 903.3.1.2 change to read as follows:

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

Exception:

1. Mixed use buildings. In buildings that include or may include multiple types of occupancies, the fire official may designate the type of system and number of standpipes required.

Section 903.2; change to read as follows:

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 a wall with a fire resistance rating of not less than 1 hour and a floor/ceiling assembly with a fire resistance rating of not less than 2 hours.~~

Add Section 903.2.8.3 to read as follows:

903.2.8.3 Self-service storage facility. An automatic sprinkler system shall be installed throughout all self-service storage facilities.

Exception: One-story self-service storage facilities that have no interior corridors, with a one-hour fire barrier separation wall installed between every storage compartment.

Section 903.2.10; amend 903.2.10.3 and add 903.2.10.4, 903.2.10.5, and 903.2.10.6 and 903-2.10.7 as follows:

903.2.10.3 Buildings more than ~~55~~ 35 feet 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 35 feet (16 764mm)~~ or more above the lowest level of fire department vehicle access.

Exceptions:

1. Airport control towers.
2. Open parking structures. structures in compliance with Section 406.3 of the *International Building Code*.
3. Occupancies in Group F-2.

903.2.10.4 High-Piled Combustible Storage. For any building with a clear height exceeding 12 feet (4572 mm), see Chapter 23 to determine if those provisions apply.

903.2.10.5 Spray Booths and Rooms. New and existing spray booths and spraying rooms shall be protected by an approved automatic fire-extinguishing system.

903.2.10.6 Buildings Over 6,000 sq. ft. An automatic sprinkler system shall be installed throughout all buildings with a building area over 6,000 sq. ft. For the purpose of this provision, fire walls shall not define separate buildings.

Exceptions:

1. Open parking garages in compliance with Section 406.3 of the International Building Code.
2. Type A-5.

903.2.10.7 Automatic Sprinkler Requirements for Group R-3. An automatic sprinkler system shall be installed in all Group R3 buildings with a building area over 7,500 sq. ft. or living area over 6,000 sq. ft. For the purpose of this provision, living area shall include all areas included in "air conditioned", future or "bonus rooms" or other areas determined to be actual or intended living areas.

Section 903.3.1.1.1; change to read as follows:

903.3.1.1.1 Exempt locations. When approved by the code official, automatic Automatic sprinklers shall not be required in the following rooms or areas where such 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, under the direct control of a public utility, 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.~~

Section 903.3.5; add a second paragraph to read as follows:

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*.

Water supply as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10 psi safety factor.

Section 903.4; change to read as follows:

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-flowswitches 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 NFPA13R 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.

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Section 903.6.2; add to read as follows:

903.6.2 Spray booths and rooms. New and existing spray booths and spray rooms shall be protected by an approved automatic fire-extinguishing system in accordance with Section 1504.

Section 905.2; change to read as follows:

905.2 Installation standards. Standpipe systems shall be installed in accordance with this section and NFPA 14. Manual dry standpipe systems shall be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm. In addition to this section, the fire code official may require the installation of standpipe systems in buildings where because of type of occupancy, access or use requires additional fire protection. The fire code official may designate the type and location of standpipes within this system.

Section 905.3.2; change to read as follows:

905.3.2 Group A. Class I automatic wet standpipes shall be provided in nonsprinklered Group A buildings having an occupant load exceeding 1,000 persons.

Exceptions:

- ~~1. Open-air seating spaces without enclosed spaces.~~
- ~~2. Class I automatic dry and semiautomatic dry standpipes or manual wet standpipes are allowed in buildings where the highest floor surface used for human occupancy is 75 feet (22 860 mm) or less above the lowest level of fire department vehicle access.~~

Section 905.4, change to read as follows:

905.4 Location of Class I standpipe hose connections. Class I standpipe hose connections shall be provided in all of the following locations:

1. In every required stairway, a hose connection shall be provided for each floor level above or below grade. Hose connections shall be located at an intermediate floor level landing between floors, unless otherwise approved by the fire code official.

2. On each side of the wall adjacent to the exit opening of a horizontal exit.
3. In every exit passageway at the entrance from the exit passageway to other areas of a building.
4. In covered mall buildings, adjacent to each exterior public entrance to the mall and adjacent to each entrance from an exit passageway or exit corridor to the mall.
5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), each standpipe shall be provided with a two-way hose connection located either on the roof or at the highest landing of stairways with stair access to the roof. An additional hose connection shall be provided at the top of the most hydraulically remote standpipe for testing purposes.
6. Where the most remote portion of a nonsprinklered floor or story is more than 150 feet (45 720 mm) from a hose connection or the most remote portion of a sprinklered floor or story is more than 200 feet (60 960 mm) from a hose connection, the fire code official is authorized to require that additional hose connections be provided in approved locations.

Section 905.9; add a second paragraph after the exceptions to read as follows:

905.9 Valve supervision. Valves controlling water supplies shall be supervised in the open position so that a change in the normal position of the valve will generate a supervisory signal at the supervising station required by Section 903.4. Where a fire alarm system is provided, a signal shall also be transmitted to the control unit.

Exceptions:

1. Valves to underground key or hub valves in roadway boxes provided by the municipality or public utility do not require supervision.
2. Valves locked in the normal position and inspected as provided in this code in buildings not equipped with a fire alarm system.

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds. All control valves in the sprinkler and standpipe systems except for fire department hose

connection valves shall be electrically supervised to initiate a supervisory signal at the central station upon tampering.

Add Section 907.1.3 to read as follows:

907.1.3 Design Standards. All alarm systems new or replacement shall be analog intelligent addressable fire detection systems.

Exception: Existing systems need not comply unless the total building remodel or expansion initiated after the effective date of this code, as adopted, exceeds 30% of the building. When cumulative building remodel or expansion exceeds 50% of the building must comply within 18 months of permit application.

Section 907.2.3; change to read as follows:

907.2.3 Group E. A manual fire alarm system shall be installed in Group E occupancies. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in Group E day care occupancies. Unless separated by a minimum of 100' open space, all buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm systems.

Exceptions:

1. Group E occupancies with an occupant load of less than 50. when provided with an approved automatic sprinkler system.
 - 1.1 Residential In-Home day care with not more than 12 children may use interconnected single station detectors in all habitable rooms. (For care of more than five children 2 1/2 or less years of age, see Section 907.2.6.)
2. Manual fire alarm boxes are not required in Group E occupancies where all the following apply:
 - 2.1. Interior corridors are protected by smoke detectors with alarm verification.

- 2.2. Auditoriums, cafeterias, gymnasiums and the like are protected by heat detectors or other approved detection devices.
- 2.3. Shops and laboratories involving dusts or vapors are protected by heat detectors or other approved detection devices.
- 2.4. Off-premises monitoring is provided.
- 2.5. The capability to activate the evacuation signal from a central point is provided.
- 2.6. In buildings where normally occupied spaces are provided with a two-way communication system between such spaces and a constantly attended receiving station from where a general evacuation alarm can be sounded, except in locations specifically designated by the fire code official.

Section 907.2.8.4 add section to read as follows:

907.2.8.4 Carbon Monoxide Detectors. An approved Carbon Monoxide detection system shall be installed and maintained in all buildings that include an underground garage or vehicle storage area and in buildings that provide parking as part of the structure. The detection system shall be monitored and shall signal an alarm as part of the fire alarm panel.

Exception:

1. Group R Division 3.

Section 907.2.12; change to read as follows:

907.2.12 High-rise buildings. Buildings having floors used for human occupancy located more than 75 feet (22 860 mm) 55 feet (15 764 mm) above the lowest level of fire department vehicle access shall be provided with an automatic fire alarm system and an emergency voice/alarm communication system in accordance with Section 907.2.12.2.

Exceptions:

1. Airport traffic control towers in accordance with Section 907.2.22 and Section 412 of the *International Building Code*.

2. Open parking garages in accordance with Section 406.3 of the *International Building Code*.
3. Buildings with an occupancy in Group A-5 in accordance with Section 303.1 of the *International Building Code*, when used for open air seating; however, this exception does not apply to accessory uses including but not limited to sky boxes, restaurants and similarly enclosed areas.
4. Low-hazard special occupancies in accordance with Section 503.1.2 of the *International Building Code*.
5. Buildings with an occupancy in Group H-1, H-2 or H-3 in accordance with Section 415 of the *International Building Code*.

Section 907.4; change to read as follows:

907.4 Manual fire alarm boxes. Manual fire alarm boxes shall be installed in accordance with Sections 907.4.1 through 907.4.5. Manual alarm actuating devices shall be an approved double action type.

Add Section 907.6.1 to read as follows:

907.6.1 Installation. All fire alarm systems shall be installed in such a manner that the failure of any single alarm-actuating or alarm-indicating device will not interfere with the normal operation of any other such devices. All systems shall be Class "A" wired with a minimum of six feet separation between supply and return loops. IDC – Class "A" style – D – SLC Class "A" Style 6 – notification Class "B" Style Y.

Section 907.9.2; change to read as follows:

907.9.2 High-rise buildings. In buildings that have any floors located more than ~~75 feet (22 860 mm)~~ 55 feet (16 764) above the lowest level of fire department vehicle access that are occupied for human occupancy, a separate zone by floor shall be provided for all of the following types of alarm-initiating devices where provided:

1. Smoke detectors.
2. Sprinkler water-flow devices.
3. Manual fire alarm boxes.
4. Other approved types of automatic fire detection devices or suppression systems.

Section 1008.1.3.4; add criteria #7 as follows:

7. If a full building smoke detection system is not provided, approved smoke detectors shall be provided on both the access and egress sides of doors and in a location approved by the authority having jurisdiction of NFPA 72. Actuation of a smoke detector shall automatically unlock the door.

Section 1016.1; add an exception #5 to read as follows:

5. In Group B office buildings, corridor walls and ceilings need not be of fire-resistive construction within office spaces of a single tenant when the space is equipped with an approved automatic smoke-detection system within the corridor. The actuation of any detector shall activate alarms audible in all areas served by the corridor. The smoke-detection system shall be connected to the building's fire alarm system where such a system is provided.

Section 1019.1.8; change to read as follows:

1019.1.8 Smokeproof enclosures. In buildings required to comply with Section 403 or 405, each of the exits of a building that serves stories where ~~the~~ any floor surface is located more than ~~75~~ 55 feet (~~22-860~~ 16 764 mm) above the lowest level of fire department vehicle access or more than 30 feet (9144 mm) below the level of exit discharge serving such floor levels shall be a smokeproof enclosure or pressurized stairway in accordance with Section 909.20 of the *International Building Code*.

Section 2302; add a second paragraph to the definition of “High-Piled Combustible Storage” to read as follows:

Any building exceeding 6,000 sq.ft. that has a clear height in excess of 12 feet, making it possible to be used for storage in excess of 12 feet, shall be considered to be high-piled storage and shall comply with the provisions of this section. When a specific product cannot be identified, a fire protection system shall be installed as for Class IV commodities, to the maximum pile height.

Section 3301.1.3; change to read as follows:

3301.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

Exceptions:

1. Only when approved for fireworks displays, storage and handling of fireworks as provided permitted in Section 3304 and 3308.
2. ~~Manufacture, assembly and testing of fireworks as permitted in Section 3304.~~
3. The use of fireworks for approved display as permitted in Section 3308.
4. ~~The possession...consumer fireworks.~~

Section 3302; change the definition of “fireworks” to read as follows:

FIREWORKS. Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion, deflagration, ~~and detonation, and/or activated by ignition with a match or~~ other heat producing device that meets the definition of 1.4G fireworks or 1.3G fireworks as set forth herein.

Section 3403.6; add a sentence to read as follows:

An approved method of secondary containment shall be provided for underground tank and piping systems.

Section 3404.2.11.5; add a sentence to read as follows:

An approved method of secondary containment shall be provided for underground tank and piping systems.

Section 3404.2.11.5.3; add to read as follows:

3404.2.11.5.3 Dry sumps. Approved sampling tubes of a minimum 6 inches in diameter shall be installed in the backfill material of each underground flammable or combustible liquid storage tank. The tubes shall extend from a point 12 inches below the average grade of the excavation to ground level and shall be provided with suitable surface access caps. Each tank site shall provide a sampling sump at the corners of the excavation with a minimum of 4 sumps. Sampling tubes shall be placed in the product line excavation within 10 feet of the tank excavation and one every 50 feet routed along product lines towards the dispensers, a minimum of two are required.

Section 3406.5.4.5; change to read as follows:

3406.5.4.5 Commercial, industrial, governmental or manufacturing. Dispensing of Class II and III motor vehicle fuel from tank vehicles into the fuel tanks of motor vehicles located at commercial, industrial, governmental or manufacturing establishments is allowed where permitted, provided such dispensing operations are conducted in accordance with Sections 3406.5.4.5.1 through 3406.5.4.5.3.

3406.5.4.5.1 Site requirements.

1. Dispensing may occur at sites that have been permitted to conduct mobile fueling.
2. A detailed site plan shall be submitted with each application for a permit. The site plan must indicate:
 - a. all buildings, structures, and appurtenances on site and their use or function;
 - b. all uses adjacent to the property lines of the site;

- c. the locations of all storm drain openings, adjacent waterways or wetlands;
 - d. Information regarding slope, natural drainage, curbing, impounding and how a spill will be retained upon the site property; and,
 - e. The scale of the site plan.
- 3. The Code Official is authorized to impose limits upon: the times and/or days during which mobile fueling operations are allowed to take place and specific locations on a site where fueling is permitted.
 - 4. Mobile fueling operations shall be conducted in areas not generally accessible to the public.
 - 5. Mobile fueling shall not take place within 15 feet (4.572 m) of buildings, property lines, or combustible storage.

3406.5.4.5.2 Refueling Operator Requirements.

- 1. The owner of a mobile fueling operations shall provide to the jurisdiction a written response plan which demonstrates readiness to respond to a fuel spill, carry out appropriate mitigation measures, and to indicate its process to properly dispose of contaminated materials when circumstances require.
- 2. The tank vehicle shall comply with the requirements of NFPA 385 and Local, State and Federal requirements. The tank vehicle's specific functions shall include that of supplying fuel to motor vehicle fuel tanks. The vehicle and all its equipment shall be maintained in good repair.
- 3. Signs prohibiting smoking or open flames within 25 feet (7.62 m) of the tank vehicle or the point of fueling shall be prominently posted on 3 sides of the vehicle including the back and both sides.
- 4. A fire extinguisher with a minimum rating of 40:BC shall be provided on the vehicle with signage clearly indicating its location.
- 5. The dispensing nozzles and hoses shall be of an approved and listed type.

6. The dispensing hose shall not be extended from the reel more than 100 feet (30.48m) in length.
7. Absorbent materials, non-water absorbent pads, a 10 foot (3.048 m) long containment boom, an approved container with lid, and a non-metallic shovel shall be provided to mitigate a minimum 5-gallon fuel spill.
8. Tanker vehicles shall be equipped with a fuel limit switch such as a count-back switch, limiting the amount of a single fueling operation to a maximum of 500 gallons (1893 L) between resets of the limit switch.

Exception: Tankers utilizing remote emergency shut-off device capability where the operator constantly carries the shut-off device which, when activated, immediately causes flow of fuel from the tanker to cease.

9. Persons responsible for dispensing operations shall be trained in the appropriate mitigating actions in the event of a fire, leak, or spill. Training records shall be maintained by the dispensing company and shall be made available to the Code Official upon request.
10. Operators of tank vehicles used for mobile fueling operations shall have in their possession at all times an emergency communications device to notify the proper authorities in the event of an emergency.

3406.5.4.5.3 Operational Requirements.

1. The tank vehicle dispensing equipment shall be constantly attended and operated only by designated personnel who are trained to handle and dispense motor fuels.
2. Prior to beginning dispensing operations, precautions shall be taken to assure ignition sources are not present.
3. The engines of vehicles being fueled shall be shut off during dispensing operations.

4. Night time fueling operations shall only take place in adequately lighted areas.
5. The tank vehicle shall be positioned with respect to vehicles being fueled so as to preclude traffic from driving over the delivery hose and between the tank vehicle and the motor vehicle being fueled.
6. During fueling operations, tank vehicle brakes shall be set, chock blocks shall be in place and warning lights shall be in operation.
7. Motor vehicle fuel tanks shall not be topped off.
8. The dispensing hose shall be properly placed on an approved reel or in an approved compartment prior to moving the tank vehicle.
9. The Code Official and other appropriate authorities shall be notified when a reportable spill or unauthorized discharge occurs.

Add Section 3803.2.1.8 to read as follows:

3803.2.1.8 Jewelry Repair, Dental Labs and Similar Occupancies. Where natural gas service is not available, portable LP-Gas containers are allowed to be used to supply approved torch assemblies or similar appliances. Such containers shall not exceed 20-pound (9.0 kg) water capacity. Aggregate capacity shall not exceed 60-pound (27.2 kg) water capacity. Each device shall be separated from other containers by a distance of not less than 20 feet.

Section 3804.2; add an exception #2 to read as follows:

3804.2 Maximum capacity within established limits. Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons (7570 L) (see Section 3 of the Sample Ordinance for Adoption of the *International Fire Code* on page v).

Exceptions:

1. In particular installations, this capacity limit shall be determined by the fire code official, after consideration of special features such as topographical conditions, nature of occupancy, and

proximity to buildings, capacity of proposed containers, degree of fire protection to be provided and capabilities of the local fire department.

2. Except as permitted in 308.3 and 384.3.2., LP-gas containers are not permitted in residential areas.

Add Section 3804.3.2 to read as follows:

3804.3.2 Spas, Pool Heaters and other listed devices. Where natural gas service is not available, LP-Gas containers are allowed to be used to supply spa and pool heaters or other listed devices. Such containers shall not exceed 250-gallon water capacity. See Table 3804.3 for location of containers.

Appendix D Fire Department Access Roads

Section D103.4; Change Table D103.4 as follows:

REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS

<i>LENGTH (feet)</i>	<i>WIDTH (feet)</i>	<i>TURNAROUNDS REQUIRED</i>
<i>0-150</i>	<i>24</i>	<i>None Required</i>
<i>150-700</i>	<i>24</i>	<i>100' Diameter Cul-de-Sac or 120' Hammerhead</i>
<i>Over 700</i>		<i>Special Approval Required</i>

Delete Figure D103.1

Section D103.5 Fire apparatus access road Gates; change to read as follows;

D103.5 Fire apparatus access road gates. Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. The minimum gate width shall be 20 feet ~~(6096 mm)~~. 24 feet.

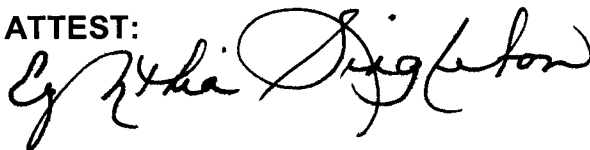
- Sec. 4. **Section 46 of the Code of Ordinance, City of Colleyville, Texas**, shall remain in full force and effect, except as otherwise provided for by this ordinance:
- Sec. 5. **THAT** any person, firm, or corporation violating any of the provisions of this ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined a sum not to exceed Two Thousand Dollars (\$2,000.00). Each and every day such violation continues shall constitute a separate offense and shall be punishable as such.
- Sec. 6. **THAT** the City Secretary is hereby authorized and directed to cause publication of the descriptive caption and penalty clause hereof as an alternative method of publication provided by law.

AND SO IT IS ORDERED.

The first reading and public hearing being conducted on the 5th day of April 2005.

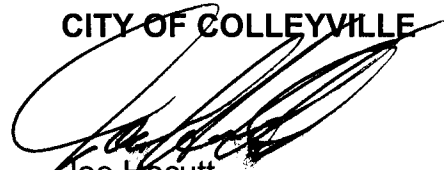
The second reading and public hearing being conducted on the 19th day of April 2005.

ATTEST:



Cynthia Singleton, TRMC
City Secretary

CITY OF COLLEYVILLE



Joe Hocutt
Mayor



Matthew C. G. Boyle
City Attorney

ORDINANCE O-14-1938

ADOPTING THE 2012 EDITION OF THE *INTERNATIONAL FIRE CODE* BY REFERENCE; AMENDING ORDINANCE O-05-1520 AND SECTION 46 OF THE COLLEYVILLE CODE OF ORDINANCES IN ITS ENTIRETY SAVE AND EXCEPT FOR SECTION 903.2.10.7; PROVIDING FOR THE ADOPTION OF LOCAL AMENDMENTS THERETO BY REFERENCE; PROVIDING A PENALTY CLAUSE; PROVIDING A CUMULATIVE CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE

WHEREAS, the City of Colleyville, Texas is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City of Colleyville wishes to adopt the 2012 edition of the *International Fire Code* by reference to provide for the safety of the citizens of Colleyville; and

WHEREAS, Section 903.2.10.7 of Ordinance O-05-1520, which states: "Automatic Sprinkler Requirements for Group R-3. An automatic sprinkler system shall be installed in all Group R3 buildings with a building area over 7,500 sq. ft. or living area over 6,000 sq. ft. For the purpose of this provision, living area shall include all areas included in "air conditioned", future or "bonus rooms" or other areas determined to be actual or intended living areas", shall remain in full force and effect; and

WHEREAS, beginning in the spring of 2012, North Central Texas Council of Governments (NCTCOG) Regional Codes Coordinating Committee (RCCC) and its four advisory boards conducted open review meetings over a one year period to review the 2012 editions of the International Codes and to develop regional amendments. Their review and recommendations were completed and endorsed by NCTCOG's Executive Board in March 2013. Now NCTCOG encourages jurisdictions in North Central Texas to adopt the *2012 International Fire Code* along with its respective NCTCOG amendments.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT the City of Colleyville hereby adopts the 2012 edition of

the *International Fire Code*, including Appendix Chapters A, B, C, D, E, F, G, H, and I published by the International Code Council, Inc., save and except such portions as are deleted or amended by this ordinance, and the same are hereby adopted by reference and incorporated as fully as if set out at length herein.

- Sec. 2. THAT this ordinance shall be cumulative of all provisions of ordinances of the City of Colleyville, Texas, except where provisions of this ordinance are in direct conflict with the provisions of another ordinance, in which event the conflicting provisions of the other ordinance are hereby repealed.
- Sec. 3. THAT it is hereby declared to be the intention of the City Council that the phrases, clauses, sentences, paragraphs, and sections are severable, and if any phrase, clause, sentence, paragraph, or section of this ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this ordinance, since they would have been enacted by the City Council without the incorporation in this ordinance of the unconstitutional phrase, clause, sentence, paragraph, or section.
- Sec. 4. THAT any person, firm, or corporation who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this ordinance shall be fined not more than Two Thousand Dollars (\$2,000.00) for all violations involving zoning, fire safety or public health and sanitation, including dumping or refuse, and shall be fined not more than five hundred dollars (\$500) for all other violations of this ordinance. Each day that a violation is permitted to exist shall constitute a separate offense.
- Sec. 5. THAT all rights and remedies of the City of Colleyville are expressly saved as to any and all violations of the provisions of Chapter 46 "Fire Code" of the Code of Ordinances, City of Colleyville, Texas, as amended, or any other ordinances affecting such code 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.

Sec. 6. THAT a copy of all codes and amendments adopted by this ordinance shall be kept on file with the City Secretary.

Sec. 7. THAT this ordinance shall take effect immediately from and after its passage.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 21st day of October 2014.

The second reading and public hearing being conducted on the 5th day of November 2014.

PASSED AND APPROVED by the City Council of the City of Colleyville, Texas, on this the _____ day of _____ 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelley, TRMC
City Secretary

David Kelly
Mayor

APPROVED AS TO FORM AND LEGALITY:

Matthew C. G. Boyle
City Attorney



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 5d

Agenda Date 11/05/2014

Number Ordinance O-14-1939

Type Ordinance

Department City Manager

Title

Approval of an ordinance ratifying and affirming the appointment of Sara Jane del Carmen as Regional Municipal Court Judge and appointing Leticia Evans as Associate Judge for the Municipal Court of Record for the City of Colleyville through September 30, 2016

Explanation

Second Reading and Public Hearing

There were no speakers regarding this request at the October 21, 2014 City Council meeting.

First Reading and Public Hearing

In 2012, the Cities of Colleyville and Keller entered into an interlocal agreement to establish combined municipal court operations pursuant to HB 984 which states "'A municipality may enter into an agreement with a contiguous municipality or a municipality with boundaries that are within one-half mile of the municipality seeking to enter into the agreement to establish concurrent jurisdiction of the municipal courts in the municipalities and provide original jurisdiction to a municipal court in which a case is brought as if the municipal court were located in the municipality in which the case arose.'"

With the execution of the interlocal agreement between the cities of Colleyville and Keller for combined municipal court services, it was recognized that the combined municipal court will operate most efficiently with the appointment of a single municipal court judge. Per the attached Exhibit "A" of the interlocal agreement, a review and selection committee representing both cities was established for the purpose of recommending to each respective City Council a municipal court judge for formal appointment.

Included in the interlocal agreement (Exhibit "A") is a provision for the appointment of a municipal court judge. The charter requirement for the City of Colleyville for judicial services is as follows:

Section 8.02. – Judge of the Municipal Court:

The Judge of the Municipal Court shall be appointed by the City Council to serve at the discretion of the City Council. He shall be an attorney licensed and practicing in the

State of Texas, and shall receive such salary as may be fixed by the City Council. In case of the disability or absence of the Judge of the Municipal Court, the City Council shall appoint a qualified person to act in his place.

The Municipal Court Review and Selection Committee consists of the Mayors and two City Councilmembers from both Colleyville and Keller. The Committee conducted interviews of candidates for the position, and recommended Sara Jane del Carmen. On September 2, 2014 by attached Resolution R-14-3777, City Council approved the Municipal Court Review and Selection Committee recommendation to appoint Sara Jane del Carmen as Regional Municipal Court Judge, for a two year term effective October 1, 2014 through September 30, 2016. The City of Colleyville Municipal Court of Record was created pursuant to Chapter 30, Subchapter P, of the Texas Government Code, and Section 30.006(b) of the Texas Government Code provides that Municipal Courts of Record must have their Judges appointed by an ordinance of the City Council. The proposed attached Ordinance O-14-1939, complies with the requirement of Section 30.006(b) and formalizes the appointment of Sara Jane del Carmen as the City of Colleyville Municipal Court Judge for the City of Colleyville Municipal Court of Record to serve through September 30, 2016.

Additionally, per the attached Exhibit "A" of the Interlocal Agreement, it is the responsibility of the appointed Municipal Court Judge to propose to the Municipal Court Review and Selection Committee a temporary replacement(s), who shall perform the duties of the Municipal Judge in his/her absences. In accordance with the Interlocal Agreement Exhibit A, Judge Sara del Carmen submits the name of Leticia Evans as City of Colleyville Associate Municipal Court Judge for the City of Colleyville Municipal Court of Record to serve through September 30, 2016. Attached to the briefing is a bio of Leticia Evans. The proposed Ordinance O-14-1939 also provides for the appointment of Leticia Evans as the Associate Judge.

Financial Impact

Funding for the annual salary of the Regional Municipal Court Judge is available in the Fiscal Year 2015 Municipal Court budget with reimbursement from the City of Keller, as contained in the Interlocal Agreement for Combined Municipal Court Services for the cities of Colleyville and Keller.

Recommendation

Approve

Attachments

1. Interlocal Agreement Exhibit "A"
2. Resolution R-14-3777
3. Leticia Evans bio
4. Ordinance O-14-1939

Exhibit A

Colleyville and Keller recognize that the combined Municipal Court will operate most efficiently with the appointment of a single Municipal Court Judge, and the parties will endeavor to achieve that goal. That said, Colleyville and Keller reserve the right to select and/or remove their Municipal Court Judge in accordance with their applicable Charter provisions. A municipal judge review and selection committee consisting of both Mayor's and two duly appointed City Council members from each City will formulate a process for obtaining and assessing candidates for the Municipal Court Judge position. The current Judges for Colleyville and Keller will be invited to submit their candidacy for the combined Court. Upon the conclusion of such process, the Committee shall make a recommendation to the full Colleyville and Keller City Councils for the selection of the Municipal Court Judge. If such candidate is approved by both the Colleyville and Keller City Councils, that candidate shall serve as the Municipal Court Judge for the combined Municipal Court for an initial term of two (2) years. In the event the candidate is not approved by both Colleyville and Keller, the matter shall be referred back to the standing committee for the recommendation of an alternative appointment. In the event such alternative appointment is not approved by both Colleyville and Keller, then this issue shall be sent to dispute resolution pursuant to Section 9 of the Agreement. Any renewals of term or approval of a replacement Judge will be subject to this process.

Upon appointment, the Municipal Court Judge will be responsible for all judicial services for the combined Court, including but not limited to the following: adjudication of all cases, plea dockets, trial dockets (both before the court and jury trials), property hearings, arraignments, emergency protective order hearings, dangerous dog hearings, warrant issuance (including search, arrest, and blood warrants), juror notification, setting of bonds, other judicial proceedings and magistrate services. The Municipal Judge shall propose to the standing committee a temporary replacement(s) who shall perform the duties of the Municipal Judge in his/her absence. In the event either Colleyville or Keller objects to the proposed temporary replacement Judge(s), the Municipal Court Judge must propose an alternative replacement(s) until such replacement(s) is approved by both Colleyville and Keller. If for any reason, the Municipal Court Judge is unable to attend to their duties on a given date, the Judge must notify the Court Administrator. Any temporary replacement Judge will be compensated by the Municipal Court Judge out of his/her salary.

The standing committee shall recommend an annual salary for the Municipal Judge to be considered by the respective City Councils and if approved incorporated into the employment contract of the Municipal Judge.

RESOLUTION R-14-3777

**A RESOLUTION APPOINTING A REGIONAL MUNICIPAL COURT JUDGE
IN ACCORDANCE WITH THE PROVISIONS OF THE CITY OF
COLLEYVILLE, TEXAS CHARTER, SECTION 8.02 AND
WITH EXHIBIT "A" OF THE INTERLOCAL AGREEMENT FOR
COMBINED MUNICIPAL COURT SERVICES FOR THE CITIES OF
COLLEYVILLE AND KELLER**

WHEREAS, the Interlocal Agreement for Combined Municipal Court Services for the cities of Colleyville and Keller, Exhibit "A", provided for the selection of a Regional Municipal Judge; and

WHEREAS, Section 8.02 of the City of Colleyville, Texas Charter states that "The Judge of the Municipal Court shall be appointed by the City Council to serve at the discretion of the City Council. He shall be an attorney licensed and practicing in the State of Texas, and shall receive such salary as may be fixed by the City Council. In case of the disability or absence of the Judge of the Municipal Court, the City Council shall appoint a qualified person to act in his place.

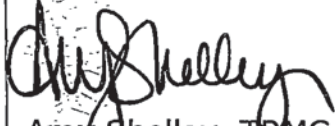
**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF COLLEYVILLE, TEXAS:**

- Sec. 1. THAT the above findings are hereby found to be true and correct and are incorporated herein in their entirety.
- Sec. 2. THAT the City Council of the City of Colleyville, Texas in accordance with the Interlocal Agreement for Combined Municipal Court Services for the cities of Colleyville and Keller, Exhibit "A", hereby appoints Sara Jane del Carmen as the City of Colleyville Municipal Court Judge for the City of Colleyville Municipal Court of Record for a period of two years effective October 1, 2014, and is hereby also appointed as Associate Municipal Court Judge for the period of September 15-30, 2014.
- Sec. 3. THAT the Mayor is authorized to sign the Regional Municipal Court Judge agreement.

AND IT IS SO RESOLVED.

APPROVED BY A VOTE OF 7 AYES, 0 NAYS, AND 0 ABSTENTIONS ON THIS
THE 2ND DAY OF SEPTEMBER 2014.

ATTEST:



Amy Shelley, TRMC
City Secretary

CITY OF COLLEYVILLE



David Kelly
Mayor

Exhibit A

Colleyville and Keller recognize that the combined Municipal Court will operate most efficiently with the appointment of a single Municipal Court Judge, and the parties will endeavor to achieve that goal. That said, Colleyville and Keller reserve the right to select and/or remove their Municipal Court Judge in accordance with their applicable Charter provisions. A municipal judge review and selection committee consisting of both Mayor's and two duly appointed City Council members from each City will formulate a process for obtaining and assessing candidates for the Municipal Court Judge position. The current Judges for Colleyville and Keller will be invited to submit their candidacy for the combined Court. Upon the conclusion of such process, the Committee shall make a recommendation to the full Colleyville and Keller City Councils for the selection of the Municipal Court Judge. If such candidate is approved by both the Colleyville and Keller City Councils, that candidate shall serve as the Municipal Court Judge for the combined Municipal Court for an initial term of two (2) years. In the event the candidate is not approved by both Colleyville and Keller, the matter shall be referred back to the standing committee for the recommendation of an alternative appointment. In the event such alternative appointment is not approved by both Colleyville and Keller, then this issue shall be sent to dispute resolution pursuant to Section 9 of the Agreement. Any renewals of term or approval of a replacement Judge will be subject to this process.

Upon appointment, the Municipal Court Judge will be responsible for all judicial services for the combined Court, including but not limited to the following: adjudication of all cases, plea dockets, trial dockets (both before the court and jury trials), property hearings, arraignments, emergency protective order hearings, dangerous dog hearings, warrant issuance (including search, arrest, and blood warrants), juror notification, setting of bonds, other judicial proceedings and magistrate services. The Municipal Judge shall propose to the standing committee a temporary replacement(s) who shall perform the duties of the Municipal Judge in his/her absence. In the event either Colleyville or Keller objects to the proposed temporary replacement Judge(s), the Municipal Court Judge must propose an alternative replacement(s) until such replacement(s) is approved by both Colleyville and Keller. If for any reason, the Municipal Court Judge is unable to attend to their duties on a given date, the Judge must notify the Court Administrator. Any temporary replacement Judge will be compensated by the Municipal Court Judge out of his/her salary.

The standing committee shall recommend an annual salary for the Municipal Judge to be considered by the respective City Councils and if approved incorporated into the employment contract of the Municipal Judge.

Leticia Evans bio – Proposed Associate Municipal Court Judge

Leticia (Letty) Evans is a former public defender in Dallas County, is closely acquainted with area law enforcement practices, and is bilingual in Spanish. She is currently an associate for the law firm Bailey and Galyen in Arlington, Texas. Her primary practice is in bankruptcy and mortgage litigation. She graduated with her Juris Doctorate from Southern Methodist University School of Law in May 1999. She has been rated as a Fort Worth Top Attorney for six years, 2007-2013.

ORDINANCE O-14-1939

RATIFYING AND AFFIRMING THE APPOINTMENT OF SARA JANE DEL CARMEN AS THE MUNICIPAL COURT JUDGE AND APPOINTING AN ASSOCIATE MUNICIPAL COURT JUDGE IN ACCORDANCE WITH THE PROVISIONS OF THE CITY OF COLLEYVILLE, TEXAS CHARTER SECTION 8.02 AND WITH THE INTERLOCAL AGREEMENT FOR COMBINED MUNICIPAL COURT SERVICES FOR THE CITIES OF COLLEYVILLE AND KELLER

WHEREAS, Sara Jane del Carmen was appointed as the Municipal Court Judge on September 2, 2014, with the passage of Resolution R-14-3777; and

WHEREAS, the City Council wishes to ratify and affirm the appointment of Sara Jane del Carmen as Municipal Court Judge with the adoption of this Ordinance; and

WHEREAS, the City Council also wishes to appoint an Associate Municipal Court Judge; and

WHEREAS, the City Council is authorized by law to adopt the provisions contained herein, and has complied with all the prerequisites necessary for the passage of this Ordinance; and

WHEREAS, all statutory and constitutional requirements for the passage of this ordinance have been adhered to, including but not limited to the Open Meetings Act; and

WHEREAS, the purposes of this Ordinance include protecting and promoting the public health, safety, and general welfare of the citizens of the City of Colleyville.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COLLEYVILLE, TEXAS:

Sec. 1. THAT the above findings are hereby found to be true and correct and are incorporated herein in their entirety.

Sec. 2. THAT the City Council of the City of Colleyville, Texas hereby ratifies and affirms the appointment of Sara Jane del Carmen as the City of Colleyville Municipal Court Judge for the City of Colleyville Municipal Court of Record to serve from October 1, 2014, through September 30, 2016. Said appointment was effective as provided in Resolution R-14-3777.

Sec. 3. THAT the City Council of the City of Colleyville, Texas hereby appoints Leticia Evans as the City of Colleyville Associate Municipal Court Judge for the City of Colleyville Municipal Court of Record to serve through September 30, 2016.

AND IT IS SO ORDERED.

The first reading and public hearing being conducted on the 21ST day of October 2014.

The second reading and public hearing being conducted on the 5TH day of November 2014.

PASSED AND APPROVED by the City Council of the City of Colleyville, Texas, on this the _____ day of _____ 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelly, TRMC
City Secretary

David Kelly
Mayor

APPROVED AS TO FORM AND LEGALITY:

Matthew C. G. Boyle
City Attorney



City of Colleyville City Council Agenda Briefing

City Hall
100 Main Street
Colleyville, Texas 76034
www.colleyville.com

Agenda Number 7

Agenda Date 11/05/2014

Type Report

Department City Secretary

Title

Sign Board of Appeals Meeting Minutes - May 14, 2014

Colleyville Library Board Meeting Minutes - August 18, 2014

Attachments

1. Sign Board of Appeals Meeting Minutes - May 14, 2014
2. Colleyville Library Board Meeting Minutes - August 18, 2014



City of Colleyville Sign Board of Appeals Minutes

City Hall
100 Main Street
Colleyville, Texas 76034
817. 503.1000
www.colleyville.com

Wednesday, May 14, 2014

City Council Chambers

Call to Order

The Sign Board of Appeals meeting of the City of Colleyville was called to order by Board member McNosky on May 14, 2014 at 8:00 p.m.

Roll Call

Present: Board members Jason Elms, Judson Orlando, Mark Collier, and Dee McNosky

Absent: Board members Mike Patino (Alternate 2), Larry Kainer (Alternate 1), and Mike Leathers

Staff Present: Ron Ruthven and Taci Wrisley

1. APPROVAL OF MINUTES

Board member Elms made a motion to approve the minutes as written. Board member Collier seconded.

The motion to approve the minutes as written carried by the following vote:

Aye: 4 – Elms, Orlando, Collier, and McNosky

2. PUBLIC HEARING AGENDA ITEMS

2a Request for a variance to the provisions of Chapter 7-Sign Regulations in the Land Development Code on Lot 3, Block 1, of the Fountains at Riverwalk Addition located at 1304 Glade Road, Case VC14-006

Ron Ruthven presented the case and briefed the Board.

Discussion occurred between staff and the Board regarding signage issues and the possibilities of sign placement for this office park.

Board member Orlando questioned staff regarding whether the Glade Road expansion would have an impact on the sign if approved. Ron Ruthven replied there is not an approved design for the Glade Road expansion to use as a guideline.

Board member McNosky questioned staff regarding whether the buildings within this office park were individually owned or leased. Ron Ruthven replied they are individually owned.

Board member McNosky stated she was leaning towards denying the case in hopes the applicant and the business owners could get together to come up with a joint solution for the office park signage.

The public hearing was opened at 8:11 p.m.

The applicant was not present.

There being no one wishing to speak, the public hearing was closed at 8:11 p.m.

Board member McNosky made a motion to deny Case VC14-006 with the recommendation that if the Sign Board of Appeals decision is appealed to the City Council, the applicant work with the property owner of Lot 2, Block 1, Fountains of Riverwalk addition to expand the signage to allow for more businesses from the office park. Board member Elms seconded.

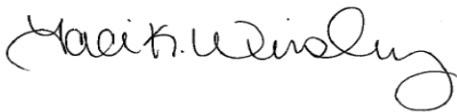
The motion to deny Case VC14-006 with the recommendation that if the Sign Board of Appeals decision is appealed to the City Council, the applicant work with the property owner of Lot 2, Block 1, Fountains of Riverwalk addition to expand the signage to allow for more businesses from the office park carried by the following vote:

Aye: 4 – Elms, Orlando, Collier, and McNosky

3. ADJOURNMENT

The meeting adjourned at 8:12 p.m.

The minutes were written and prepared by:



Taci Wrisley
Planning and Zoning Assistant

The meeting minutes were approved on October 14, 2014 by a vote of 5-0.



City of Colleyville

Colleyville Library Board Minutes

City Hall
100 Main Street
Colleyville, Texas 76034
817.503.1000
www.colleyville.com

Monday, August 18, 2014
6:00 p.m.

Colleyville Public Library
110 Main Street

1. CALL TO ORDER

Vice-Chair Jerome Davis called the meeting of the Colleyville Public Library to order at 6:08 p.m.

Roll Call: Present Chairperson Thad Bolline, Board members Jerome Davis, Kay Newton, Billie Tuttle, Charna Logan-Gray, Victoria Kennedy-Ziegler, Vernon Noronha and Sue Anne Martinez; Library and Recreation Director Mary Rodne, Assistant City Manager/Chief Financial Officer Terry Leake, and Administrative Assistant Kathy Moore

Absent Board member Nancy Andrews; Ex-Officio member Cecilia Monacelli

2. APPROVAL OF MINUTES

June 16, 2014

A motion was made by Victoria Kennedy-Ziegler and seconded by Charna Logan-Gray to approve the June 16, 2014 minutes with a correction to the attendance. **Motion approved unanimously.**

3. REGULAR AGENDA ITEMS

3a Overview of the 2014 Summer Reading Program

Director Rodne reported that the Summer Reading Program, *Paws to Read*, had ended on July 26 and that the Summer Reading Program Finale was held on August 1. Around 1200 had attended the finale program, which featured inflatable activities, a petting zoo, pony rides, games, crafts and face painting. A total of 1,302 participants, with 1,188 children, 85 adults, and 29 teens, had participated in the Summer Reading Program. Approximately 10,020 patrons attended 150 library sponsored programs from May through August. Rodne added that overall the summer program had once again been very successful.

Rodne also updated the Board on the Library's very successful summer volunteer program. Rodne added that volunteer hours in June and July totaled 1,638 hours, and that all of the community volunteers had contributed much to the overall success of the Summer Reading Program.

Additionally, Rodne reported that Market Street had partnered with the Library for the Summer Reading Finale. It was noted that Market Street had sold hot dogs, chips, watermelon and water during the event and offered to donate proceeds of the sales to the Library. Rodne concluded that Market Street raised \$625.75 with the food item sales and agree to match that amount for a total of \$1251.50 to be donated to the Colleyville Public Library.

3b Whole Foods Grand Opening Update

Director Mary Rodne stated that staff was onsite and promoted Library services and programs at the July 8, 2014 Grand Opening day of the Whole Foods Market. Rodne noted that staff held a story time program at the event, which featured Rocket, the Library's Reading Dog.

Additionally, Rodne reported that Whole Foods Market had selected the Friends of the Colleyville Public Library to receive 1% of net sales on their Grand Opening day. Kay Newton added that the Friends had received a check for \$1600 from Whole Foods Market, which would be donated to the Colleyville Public Library. Rodne stated that the funds would be used to purchase a variety of new programming supplies to enhance current youth programs.

3c Library Board appointment updates

Library Director Mary Rodne reported that City Council would be considering appointments to the Library Board at the September 16, 2014, City Council meeting. It was noted that there were four (4) positions on the Library Board, whose terms were expiring in September of 2014.

3d City of Colleyville Fiscal Year 2015 (FY 2015) budget update

Director Rodne presented an update on the proposed Colleyville Public Library FY2015 budget and noted that the City Council would be adopting the FY2015 budget at the September 16, 2014 City Council meeting. Rodne noted that the Library's budget was basically the same as last year and that the budget had been incorporated as submitted. Additionally, it was noted that the new budget year would begin on October 1, 2014.

3e Approval of the use of the Voluntary Library Funds for the purchase of library materials, materials processing supplies, and library programs

Library Director Rodne presented an overview of the Voluntary Library Fund report, which gave projections through July 31, 2014. Rodne stated that the anticipated available funds were \$328,016, and requested \$145,000 be used for the purchase of library materials, materials processing supplies and programs. The Board discussed

the proposed expenditures of \$145,000 for the purchase of collection materials, materials processing supplies and library programs. A motion was made by Kay Newton and seconded by Charna Logan-Gray to make a recommendation to City Council to proceed with the expenditure of these funds for the purchase of library materials, materials processing supplies and library programs, in an amount not to exceed \$145,000 for the FY2015 budget year. **Motion approved unanimously.** Rodne stated that she would place this recommendation and the previous recommendation to use \$25,000 for the update of the Colleyville Public Library Long-Range Plan, on the September 2, 2014 City Council agenda.

Assistant City Manager/Chief Financial Officer Terry Leake gave a brief overview of how the Voluntary Library Funds are generated and distributed.

3f Update on the status of the Colleyville Public Library Long-Range Plan

Director Rodne updated the Board on the timeline for the Colleyville Public Library Long-Range Plan. Rodne stated that staff was working with Aaron Babcock from Hidell and Associates Architects on the background work, which would begin in September. Rodne added that the Board would hold their first meeting/worksession in October, with the goal of having a first draft of the long-range plan ready for review by the Board at their December meeting. Rodne added that the final draft should be completed by January and brought before the Board for their approval at their February 2015 meeting.

3g Discussion of items for future agendas

The Board agreed to hold the next regularly scheduled meeting on October 13, 2014 at 6:00 p.m. Additionally, it was agreed that there would be more discussion of the long-range plan at future meetings.

4. REPORTS

4a Librarian's Report

Monthly Statistics

Library Director Mary Rodne gave an overview of the statistics for the months of June and July. Rodne stated that the circulation of digital materials was up and noted that the usage of the Zinio digital magazines was up 64%. It was also noted that usage of the new audiobook downloadable service, One Click, had increased. Rodne added that staff was now tracking the internal visits along with the digital virtual visits.

Rodne stated that the Library had 834 volunteer hours in June and 803 in July; bringing the year-to-date totals for volunteer hours to 2,757. Rodne stated that volunteer hours had increased substantially due to the Summer Reading Program.

Donations

Rodne reported that the Library had received a total of \$573.08 in donations for the months of June and July. In June, the Friends of the Colleyville Public Library donated \$500 for the purchase of grand prizes for the Summer Reading Program. In July, the Friends donated \$73.08, proceeds of their partnership with Better World Books.

Library Programs

Director Mary Rodne informed the Board that the combined Library/Parks and Recreation brochure was now available online. Rodne added that online registration for Library programs would begin on September 8, 2014, and noted that programs would start on September 15 and run through December 13. Rodne added that the Library was going to continue to offer, Rocket Readers, the therapy dogs reading program on a once a month basis.

Rodne updated the group on upcoming special events and stated that she would be presenting a proposal to City Council on September 2, 2014, regarding proposed changes to upcoming future special events. Rodne stated that due to weather concerns, the Holly Colley event was going to be reduced in size to include the community decorated trees and a City tree lighting ceremony, along with an open house event at the Library. It was noted that the event had been tentatively scheduled for December 2, 2014. Additionally, Rodne noted that Library staff would be participating with Parks and Recreation at the Haunted Trail Fest, scheduled for October 18, 2014. In conclusion, Rodne stated that the proposal included a recommendation to create a new fall event in 2015 with a new format. Rodne also noted that the Red, White and Sousa event would be held again in June 2015.

4b Friends of the Colleyville Public Library Report

President Kay Newton reported for the Friends of the Colleyville Public Library informing the Board that the Friends had held an annual meeting on June 24, 2014. Newton announced that during the meeting, Executive Board Officers for FY 2014-2015 had been elected and included: President, Nancy Tuuling; Vice-President, Kay Newton; Secretary, Billie Tuttle; and Treasurer, Mary Alice Rippy. Additionally, Newton noted that the Friends had voted to donate \$3000 for the purchase of a new popcorn machine and cart to be used for Library programs and special events. Newton informed the Board that the Friends were in the process of changing banks and that once everything was in place, the Friends would issue checks for the Market Street and Whole Food Market donations.

Kay Newton added that the Friends had helped staff at the Whole Foods Grand Opening event on July 8, and had also provided \$500 for the Library's Summer Reading Grand Prizes. Newton concluded that the Friends would be holding a general meeting on September 23, at 7:00 p.m. in the Library.

4c Colleyville Public Library Foundation Report

Mary Rodne reported that the Library Foundation had not yet met to approve the quotes for the new tables and chairs for the adult reading area.

5. CITIZEN COMMENTS/PRESENTATIONS REGARDING ITEMS NOT ON THE AGENDA

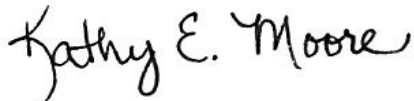
There were no citizen comments/presentations regarding items not on the agenda.

6. ADJOURNMENT

A motion was made by Victoria Kennedy-Ziegler and seconded by Kay Newton to adjourn the meeting of the Colleyville Library Board at 6:45 p.m. **Motion approved unanimously.**

*APPROVED BY A VOTE OF 6 AYES 0 NAYS, AND 0 ABSTENTIONS ON THIS THE 27th DAY OF **October, 2014.***

Minutes taken and prepared by:



Kathy Moore
Administrative Secretary

RESOLUTION R-14-3805

**A RESOLUTION APPROVING CITY COUNCIL ACTION
UNDER BUSINESS AT THE REGULAR CITY COUNCIL MEETING OF
NOVEMBER 5, 2014**

WHEREAS, City Council has taken action on certain items on the agenda under Business.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF COLLEYVILLE, TEXAS:**

Sec. 1. THAT the agenda decisions approved by City Council action under Business this date and not otherwise adopted by Ordinance and/or separate Resolution as follows are hereby adopted:

AND IT IS SO RESOLVED.

APPROVED BY A VOTE OF ____ AYES, ____ NAYS, AND ____ ABSTENTIONS
ON THIS THE 5TH DAY OF NOVEMBER 2014.

ATTEST:

CITY OF COLLEYVILLE

Amy Shelley, TRMC
City Secretary

David Kelly
Mayor