



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Meeting Agenda

City Council

Brooke Christensen, District 1
Maren Barker, District 2
Kristin Coleman-Nicholl, District 3
Chris McCandless, District 4
Steve Fairbanks, At-large
Linda Martinez Saville, At-large
Zach Robinson, At-large

Tuesday, July 30, 2019

5:15 PM

Council Chambers

The Sandy City Council has adopted Rules of Procedure which are available at the rear of the Council Chambers and online at: <https://sandy.utah.gov/government/city-council/procedure-guidelines>. Public comment will be taken on all voting items. Each speaker is allowed three minutes per voting item. The Citizen Comment sections of the meeting are for issues not listed on the agenda. Each speaker is allowed three minutes to address the Council during Citizen Comments. If a citizen is unable to attend a meeting in person, he or she may provide written comments to the City Council Executive Director by 3:00 PM the day of the Council Meeting to have those comments distributed to the City Council and have them read into the record at the appropriate time.

In compliance with the Americans with Disabilities Act, reasonable accommodations for individuals with disabilities will be provided upon request. For assistance, please call (801) 568-7141.

4:30 Dinner

5:15 Council Meeting

Roll Call

Prayer / Pledge of Allegiance

Non-voting Items

Agenda Planning Calendar Review & Council Office Director's Report

Council Member Business

Mayor's Report

CAO Report

Citizen Comments

Information Items

1. [19-244](#) Annual Employee Handbook and Harrassment Training.
2. [19-245](#) Utah Department of Transportation providing information about the I-15 northbound project.
3. [19-250](#) Fire Department providing information information on the update to the Fire Code and requesting Council discussion.

Attachments: [Adoption of the 2018 IFC Appendix B, C, D, N.docx](#)
[2018-IFC-UPDATE-Handout-9-1-17.pdf](#)
[2018 IFC Appendix B.pdf](#)
[2018 IFC Appendix C.pdf](#)
[2018 IFC Appendix D.pdf](#)
[2018 IFC Appendix N.pdf](#)
[Appendix D & Land Development Code Impact.pdf](#)

4. [19-246](#) Truth in Taxation hearing process discussion.

Voting Items

Consent Calendar

5. [19-242](#) Approval of the June 25, 2019 Minutes.
Attachments: [June 25, 2019 Minutes](#)
6. [19-243](#) Approval of the July 16, 2019 Minutes.
Attachments: [July 16, 2019 Minutes](#)
7. [19-251](#) Council Member Christensen recommending the appointment of Martha Haddock to the Historic Preservation Committee.
Attachments: [Resolution 19-31C](#)

Council Items

8. [19-247](#) Council Member Fairbanks requesting adoption of Ordinance 19-17 and Ordinance 19-18 respectively amending Title 6 and Title 22 of the Sandy City Code pertaining to employee severance payments.
Attachments: [Ordinance 19-17.rtf](#)
[19-17 Exhibit A \(Redline\).pdf](#)
[19-17 Exhibit A \(Clean\).pdf](#)
[Ordinance 19-18.rtf](#)
[19-18 Exhibit A \(Redline\)](#)
[19-18 Exhibit A \(Clean\)](#)

9. [19-252](#) Council Member Nicholl recommending that the Council consider adding an additional budget proposal to the truth in taxation hearing

Attachments:

[July 30 KN Budget Proposal](#)

[Memo to Council from Administration and Department Directors](#)

6:00 Time Certain Items

Special Recognition

10. [19-248](#) Recognition of Jeff Smith for his 30 years of volunteer service to Sandy City.
11. [19-249](#) The City Council will honor and remember former Council Member Bryant Anderson with a special presentation to his family.

Adjournment



Staff Report

File #: 19-244, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Annual Employee Handbook and Harrassment Training.

Presenter:

Barbara Higgins

Description/Background:

The Human Resources Department is providing the annual Employee Handbook and Harrassment Training. While the training highlights changes to the Employee Handbook, not every section of the Handbook is applicable to the Council Members as employees.



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Staff Report

File #: 19-245, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Utah Department of Transportation providing information about the I-15 northbound project.

Presenter:

Mendy Magistro



Staff Report

File #: 19-250, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Fire Department providing information on the update to the Fire Code and requesting Council discussion.

Presenter:

Robert DeKorver

Description/Background:

The staff report is attached as a memo.

Further action to be taken:

An ordinance will be prepared based on Council feedback to formally adopt the Fire Code changes.

Recommended Action and/or Suggested Motion:



BRUCE CLINE
FIRE CHIEF

KURT BRADBURN
MAYOR

MATTHEW HUISH
CHIEF ADMINISTRATIVE OFFICER

Memo

To: Sandy City Council
From: Robert DeKorver, Fire Marshal
CC: Bruce Cline, Fire Chief
Date: July 25, 2019
Re: Adoption of the 2018 International Fire Code to include Appendices B, C, D, N

As Fire Marshal I am desirous to have a work session to discuss the upcoming adoption of the 2018 International Fire Code to include Appendices B, C, D, and N.

July 1, 2019 saw the adoption of the 2018 International Fire Code by the Utah State Legislature, putting it into current law. With that adoption by the state I usually come before the city council to complete a local adoption, showing that we are also going to follow and support the 2018 International Fire Code. I also renew our local city ordinances that deal with fire sprinklers and hydrant placement.

This year there is not many changes from the 2015 code, and I have included the 14 page document that shows you the changes that took place from one code to the next. Also included in city ordinance is the adoption of appendix B and C. Appendix B is used to figure fire flow, and supports our amendment of the code to require sprinklers in some buildings. Appendix C gives direction on the number and spacing of hydrants beyond that of our city ordinance.

The biggest change with approval of the council for this year would be the adoption of Appendix D and Appendix N. Appendix D deals with fire department access, road widths, fire lanes and general access to the different locations in Sandy. I have taken appendix D to the planning commission and the development review team to get feedback on the document and received positive feedback from each of these groups. The adoption of Appendix D would mean some changes to the Land Development Code, but it would bring both the Fire Code and Land Development Code more in harmony with each other, which is best practice and good policy.

The next change from previous years would be the addition of Appendix N. Over the years it has been difficult to manage the different shows that go through the expo center with the Fire Code. I have often discussed with Rick Medina that it would be nice to have a portion of the code that was dedicated to just indoor exhibits and trade shows. Well this year the International Code Committee came out with Appendix N, which deals specifically with indoor exhibit and

trade shows. Like the other appendix adoption, I met personally with Rick Medina at the MACU Expo Center and received his approval of preceding forward with the adoption of appendix N.

All of the appendices that I am proposing that we adopt are adopted within other jurisdictions in Salt Lake County, like UFA, and Salt Lake City. Although more strict than the actual code, in areas, they help to bring the fire code more in line with the other codes that are used in the city. I look forward to our discussion on this proposed future adoption, and to be able to answer any questions associated with them.

2018 IFC Update

Based on the 2018 International Fire Code,[®] (IFC[®])

ICC LEARNING CENTER

The *International Fire Code*[®] (IFC[®]), establishes minimum regulations for fire safety.

This handout will identify important changes in the IFC from 2015 to 2018 edition. Participants will be presented with those changes that will most impact their use of the code when they adopt these I-Codes. The learner will receive an overview of the most important code changes.

Goal

Participants will be able to use this document to identify changes between the 2015 and 2018 IFC allowing them to apply these code requirements to design, plan submittals and/or inspection.

The lecture and activity format allows participants to discuss the changes, reasons for the changes, and answer knowledge review questions. Information presented will allow participants to apply these new code requirements to design, plan review, and/or inspection.

Objectives

Upon completion, participants will be better able to:

- Identify the most significant differences between the 2015 and the 2018 IFC.
- Explain the differences between the current and previous edition.
- Identify changes in organization and code requirements.
- Identify the applicability of design, plan review and inspection requirements.

Content

Chapters of the IFC included in this handout:

- Chapter 3, General Requirements
- Chapter 4, Emergency Planning and Preparedness
- Chapter 5, Fire Service Features
- Chapter 6, Building Services and Systems
- Chapter 7, Fire and Smoke Protection Features
- Chapter 8, Interior Finish, Decorative Materials and Furnishings
- Chapter 9, Fire Protection and Life Safety Systems
- Chapter 10, Means of Egress
- Chapter 11, Construction Requirements for Existing Buildings
- Chapter 12 Energy Systems
- Chapter 22, Combustible Dust-Producing Operations
- Chapter 23, Motor Fuel-Dispensing Facilities and Repair Garages
- Chapter 24, Flammable Finishes
- Chapter 28, Motor Fuel-Dispensing Facilities and Repair Garages
- Chapter 31, Tents, Temporary Special Event Structures and Other Membrane Structures
- Chapter 32, High-Piled Combustible Storage
- Chapter 33, Fire Safety During Construction and Demolition
- Chapter 38, Higher Education Laboratories
- Chapter 39, Processing and Extraction Facilities
- Chapter 50, Hazardous Materials—General Provisions
- Chapter 51, Aerosols
- Chapter 53, Compressed Gases
- Chapter 57, Flammable and Combustible Liquids
- Chapter 61, Liquefied Petroleum Gases
- Appendix E, Hazard Categories

2018 IFC Chapter 3: General Requirements			
Code Section		Section Title	Description of Change
2018	2015		
Section 314 Modification	Section 314	Indoor Displays	This section is revised to clarify it applies to both liquid-fueled vehicles and gaseous-fueled vehicles. Additionally, it has been modified to allow the Fire Code Official the ability to determine the best method of safeguarding the vehicle regarding the battery and electrical system.
Section 315.3.1 Modification	Section 315.3.1	Ceiling Clearance for Indoor Storages	Exceptions have been added which allow an increase in the height of storage along walls in sprinklered and nonsprinklered buildings.
315.7 Addition		Outdoor Pallet Storage	Requirements are added to the code to height limitation and separation to buildings and property lines for the outdoor storage of idle pallets constructed of wood or plastic. See also Significant Change to Section 2810 for pallet storage at pallet recycling and manufacturing facilities.

2018 IFC Chapter 4: Emergency Planning and Preparedness			
Code Section		Section Title	Description of Change
2018	2015		
403.12.3 Modification		Crowd Managers	The threshold for crowd managers dropped from 1,000 to 500 people for certain events.
404.2.3 Addition		Lockdown Plans	Updates and prescribes details for facility lockdown plans.

2018 IFC Chapter 5: Fire Service Features			
Code Section		Section Title	Description of Change
2018	2015		
510 Modification		Emergency Responder Radio Coverage	Requirements for emergency responder radio coverage have been revised to address industry and equipment enhancements with a new reference to NFPA 1221.

2018 IFC Chapter 6: Building Services and Systems																				
Code Section		Section Title	Description of Change																	
2018	2015																			
603.3 Modification	603.3	Fuel-fired Appliances	<p>Fuel oil storage allowances in Section 603 have been revised to clarify applicability to internal combustion engines, such as generators and fire pumps. Fuel oil storage is increased to 1,320 gallons if the building is sprinklered and the tank is listed to UL 142.</p> <p>TABLE 603-1 Maximum Capacity of Fuel Oil Based on Type of Tank and Automatic Sprinkler System Design</p> <table><tr><th>TANK DESIGN</th><th>NONSPRINKLERED BUILDING</th><th>FIRE SPRINKLERS PROVIDED IN THE ROOM</th><th>FIRE SPRINKLERS PROVIDED IN THE BUILDING</th></tr><tr><td>UL 80</td><td>660 gallons</td><td>660 gallons</td><td>660 gallons</td></tr><tr><td>UL 142</td><td>660 gallons</td><td>660 gallons</td><td>1,320 gallons</td></tr><tr><td>UL 2085</td><td>660 gallons</td><td>3,000 gallons</td><td>3,000 gallons</td></tr></table>		TANK DESIGN	NONSPRINKLERED BUILDING	FIRE SPRINKLERS PROVIDED IN THE ROOM	FIRE SPRINKLERS PROVIDED IN THE BUILDING	UL 80	660 gallons	660 gallons	660 gallons	UL 142	660 gallons	660 gallons	1,320 gallons	UL 2085	660 gallons	3,000 gallons	3,000 gallons
TANK DESIGN	NONSPRINKLERED BUILDING	FIRE SPRINKLERS PROVIDED IN THE ROOM	FIRE SPRINKLERS PROVIDED IN THE BUILDING																	
UL 80	660 gallons	660 gallons	660 gallons																	
UL 142	660 gallons	660 gallons	1,320 gallons																	
UL 2085	660 gallons	3,000 gallons	3,000 gallons																	
605.13 Addition		Refrigerants with Lower Flammability Hazards	Adds requirements regarding safety concerns for lower flammability refrigerant gases.																	
608.3 Modification	608.3	Non-metallic Cooking Oil Storage Tanks	Provide listing and capacity requirements for cooking oil storage.																	

2018 IFC Chapter 8: Interior Finish, Decorative Materials and Furnishings				
Code Section		Section Title	Description of Change	
2018	2015			
807.1 Modification	807.1	Combustible Decorative Materials	The limitations on decorative combustible materials are clarified as to where they apply.	
807.4 Modification	807.4	Combustible Decorative Materials	The limitations on decorative combustible materials are clarified as to where they apply.	

2018 IFC Chapter 9: Fire Protection and Live Safety Systems			
Code Section		Section Title	Description of Change
2018	2015		
901.4.6 Addition		Fire Pump and Fire Sprinkler Riser Rooms	Additional requirements have been added for automatic sprinkler system riser rooms and fire pump rooms.
901.6.2 Addition		Integrated Fire Protection System Testing	Test criteria has been added to the code with a reference to NFPA 4 to ensure that where multiple fire protection systems or life safety systems are integrated, that the acceptance process and subsequent testing must evaluate the all of the integrated systems as a whole.
901.8.2 Modification	901.8.2	Removal of Occupant Use Hoselines	Authorizes code official to allow the removal occupant use hoselines.
903.2.1 Clarification	903.2.1	Sprinklers in Group A Occupancies	Clarifies the requirements for fire sprinkler protection in Group A occupancies.
903.2.3 Modification	903.2.3	Sprinklers in Group E Occupancies	Provides occupant load threshold for automatic sprinkler system requirements in Group E occupancies.
903.3.1.1.2 Modification	903.3.1.1.2	Sprinklers in Bathrooms in Group R-4 Occupancies	Removes fire sprinklers requirements from small bathrooms in Group R-4 occupancies.
903.3.1.2.1 Modification	903.3.1.2.1	Sprinklers Beneath Balconies	Correlates automatic sprinkler system requirements in Chapter 9 with Chapter 7 for exterior balconies of Group R occupancies.
903.3.1.2.3 Modification	903.3.1.2.3	Attics	Provides fire protection options for attics in multi-family occupancies
903.3.3 Modification	903.3.3	Sprinkler Obstructions	The code now directs the user to the sprinkler design standard to address sprinkler obstructions.
904.12 Modification	904.12	Commercial Cooking Operations	Directs users to NFPA standards to address sprinkler obstructions.
904.13 Modification	904.13	Domestic Cooking in Institutional Occupancies	Requires automatic fire-extinguishing system to protect domestic cooking appliances in care facilities.

2018 IFC Chapter 9: Fire Protection and Live Safety Systems, Continued			
Code Section		Section Title	Description of Change
2018	2015		
904.14 Modification	904.14	Aerosol Fire-extinguishing System Maintenance	Requires automatic fire suppression in domestic cooking systems in care facilities.
905.3.1 Modification	905.3.1	Class III Standpipes	Establishes standpipe requirements based on stories and addresses standpipes in Groups B and E occupancies.
905.4 Modification	905.4	Class I Standpipe Hose Connections	Allows a modification of hose connection locations for Class I standpipes serving open stairways.
905.11 Modification	905.11	Locking Caps on Standpipe Outlets	This revision authorizes the code official to require locking caps on dry standpipe hose connection outlets.
906.1 Modification	906.1	Portable Fire Extinguishers	Provides schools options for fire extinguisher placement.
907.1.2 Modification	907.1.2	Fire Alarm Construction Documents	Aligns requirements for fire alarm plans and documentation requirements with NFPA 72.
907.2.1 Modification	907.2.1	Fire Alarms in Group A Occupancies	A new fire alarm threshold has been added for Group A occupancies where an occupant load of 100 or more is located on a level other than the level of exit discharge.
907.2.10 Deletion	907.2.10	Group R-4 Fire Alarm System	Fire alarm systems are no longer required in Group R-4 occupancies.
907.5.2.2.4 Modification	907.5.2.2.4	Emergency Voice/Alarm Communication System Captions	Requires automatic fire suppression in domestic cooking systems in care facilities.
910.5 Modification	910.5	Maintenance of Smoke and Heat Removal Equipment	Maintenance and testing frequencies for smoke and heat vents and mechanical smoke removal are specified in the code.
916 Modification	916	Gas Detection Systems	Requirements for gas detection systems are clarified and consolidated in a new Section 916.

2018 IFC Chapter 10: Means of Egress			
Code Section		Section Title	Description of Change
2018	2015		
1004.8 Modification	1004.8	Occupant Load Calculation in Concentrated Business Use Area	The method of calculating occupant load in business areas is revised, which allows for larger occupant loads.
1006.2.1, Table 1006.2.1 Modification	1006.2.1, Table 1006.2.1	1006.2.1, Table 1006.2.1 Spaces with One Exit or Exit Access Doorway	Determination of cumulative occupant loads is clarified and correlated with other code requirements
1006.2.2.6, Table 1006.2.1, Table 1017.2 Addition		Groups R-3 and R-4 Protected with NFPA 13D Sprinkler System	Exit access travel distances are provided for Groups R-3 and R-4 when sprinklered with NFPA 13D sprinkler systems.
1006.3, 1006.3.1 Modification	1006.3, 1006.3.1	Exits on Adjacent Stories	Determining egress requirements has been clarified when the occupants travel to an adjacent story to reach the exit.
1008.2.3 Addition		Illumination of the Exit Discharge	Illumination of exit discharge can now terminate at a safe dispersal area.
1008.3.5, 1008.2.2 Modification	1008.3.5, 1008.2.2	Emergency Illumination in Group I-2	Emergency lighting must meet minimum illumination levels even when one lamp fails in a single luminaire.
1009.7.2 Modification	1009.7.2	Protection of Exterior Areas of Assisted Rescue	The 1-hour fire-resistance-rated separation between an exterior of assisted rescue and the building is not required if the building is protected with an automatic sprinkler system designed to NFPA 13 or 13R.
1010.1.1 Clarification	1010.1.1	Size of Doors	The requirements for the door size are revised to correlate with ICC A117.1.
1010.1.4.4, 1010.1.4.4.1 Modification	1010.1.4.4, 1010.1.4.4.1	Locking Arrangements in Educational Occupancies	Guidance is provided to allow enhanced security measures yet still meet egress requirements on classroom doors.
1010.1.9.8, 1010.1.9.8.1 Modification	1010.1.9.8, 1010.1.9.8.1	Delayed Egress	Guidance is provided to allow enhanced security measures yet still meet egress requirements on classroom doors.
1010.1.9.9, 1010.1.9.10 Clarification	1010.1.9.9, 1010.1.9.10	Electrically Locked Egress Doors	Criteria for electrically locked egress doors have been clarified and correlated.
1010.1.9.12 Modification	1010.1.9.12	Locks on Stairway Doors	The limitation is removed which prohibited locking doors on the stairway side when the stairway was more than four stories, but less than a high-rise.

2018 IFC Chapter 10: Means of Egress, Continued			
Code Section		Section Title	Description of Change
2018	2015		
1010.1.10 Modification	1010.1.10	Panic Hardware and Fire Exit Hardware	Sensor release of electrically locked doors is now allowed on egress doors in Groups A and E. Also, the section is clarified to state that panic hardware or fire exit hardware are only required on swinging doors.
1010.3, 1010.3.1, 1010.3.1.1, 1010.3.2, 1010.3.3, 1010.3.4 Modification	1010.3, 1010.3.1, 1010.3.1.1, 1010.3.2, 1010.3.3, 1010.3.4	Turnstiles	This new section allows security turnstiles, or similar barriers, in the means of egress path.
1011.6 Clarification	1011.6	Stairway Landings	The method of determining the required width and depth of a stairway landing is clarified.
1013.2 Modification	1013.2	Floor Level Exit Signs in Group R-1	The location of low-level exit signs can now be 18 inches above the floor.
1015.6, 1015.7 Modification	1015.6, 1015.7	Fall Arrest for Rooftop Equipment	The specific criteria in the code on fall arrest systems are removed and the ANSI/ASSE Z395.1 standard now governs the installation.
1017.3, 202 Clarification	1017.3, 202	Common Path of Egress Travel	Common path of egress travel must be applied to each room or space on every story.
1023.3.1 Modification	1023.3.1	Stairway Extension	Fire-resistance-rated separation is not required between an interior exit stairway and exit passageways if stairway pressurization is provided.
1023.5, 1024.6 Modification	1023.5, 1024.6	Exit Stairway and Exit Passageway Penetrations	Security system and two-way communication system components are allowed to penetrate the fire-resistant rated enclosure of exit passageways and interior exit stairways and ramps.
1025.1 Modification	1025.1	Luminous Egress Path Marking in Group I Occupancies	Luminous egress path marking is no longer required in high-rise buildings classified as Groups I-2, I-3, and I-4.
1026.4, 1026.4.1 Modification	1026.4, 1026.4.1	Refuge Areas for Horizontal Exits	Guidance is provided to allow enhanced security measures yet still meet egress requirements on classroom doors.
1029.6, 1029.6.3, 1029.7, 202 Modification	1029.6, 1029.6.3, 1029.7, 202	Open-air Assembly Seating	A new term and definition is added for open-air assembly seating.
1029.9.1 Modification	1029.9.1	Minimum Aisle Width	Minimum aisle widths are clarified with a reference added for minimum widths for accessible routes.

2018 IFC Chapter 10: Means of Egress, Continued			
Code Section		Section Title	Description of Change
2018	2015		
1030.1 Modification	1030.1	Emergency Escape and Rescue Openings	Emergency escape and rescue openings are required in Groups R-3 and R 4, and Group R-2 provided with only one means of egress from a story. Also, it is possible to eliminate some, or all, emergency escape and rescue openings from a sprinklered basement.
1030.1.1 Addition		Operation of Emergency Escape and Rescue Openings	Fall prevention devices are allowed on emergency escape and rescue openings provided they comply with ASTM F2090.
1031.1, 1031.10.1, 1031.10.2 Modification	1031.1, 1031.10.1, 1031.10.2	Inspection and Testing of Emergency Egress Lighting	Inspection and testing requirements for emergency egress lighting are relocated into the Chapter 10 Means of Egress and revised to allow self-diagnostics.
1031.2.2 Addition		Locking Arrangements in Existing Educational Occupancies	Guidance is provided to allow enhanced security measures yet still meet egress requirements on classroom doors.
1031.4 Modification	1031.4	Exit Signs in Existing Buildings	The application of exit sign requirements in existing buildings has been clarified for both installation and maintenance.

2018 IFC Chapter 11: Construction Requirements for Existing Buildings			
Code Section		Section Title	Description of Change
2018	2015		
1103.5.1 Addition		Fire Sprinklers in Existing Group A-2 Occupancies	A section has been added to Chapter 11 which requires the retrofit installation of a fire sprinkler system in existing Group A-2 occupancies where alcoholic beverages are consumed if the occupant load is 300 or more.
1103.9 Modification	1103.9	Carbon Monoxide Alarms in Existing Buildings	Carbon monoxide alarms are no longer required to be retroactively installed in existing Groups I-1, I-2, I-4, and R based on occupancy classification. The retroactive installation of carbon monoxide alarms is only required in existing sleeping rooms and dwelling units.
1104.16.2 Modification	1104.16.2	Wall Openings Adjacent to Fire Escapes	Door and window openings within 10 feet of a fire escape must be protected with ¾-hour opening protectives unless the building is sprinklered.
1105.5.4 Addition		Fire-protection-rated Doors in Existing Group I-2	Fire protection rated doors in existing Group I-2 occupancies have three options for automatic closing operations.

2018 IFC Chapter 12: Energy Systems			
Code Section		Section Title	Description of Change
2018	2015		
Chapter 12 Addition		Energy Systems	This chapter is new.
Section 1204.5 Addition		Rapid Shutdown for Solar Photovoltaic Power Systems	Rapid shutdown is required on solar photovoltaic systems to reduce the shock hazard to emergency responders.
1206.2 Modification	1206.2	Stationary Storage Battery Systems	This revision moves the stationary battery storage system requirements from Section 608 to Section 1206.2 and includes new battery technologies and required safety features.

2018 IFC Chapter 22: Combustible Dust-Producing Operations			
Code Section		Section Title	Description of Change
2018	2015		
Chapter 22 Modification		Combustible Dust	Reference to the new NFPA 652, "Standard on the Fundamentals of Combustible Dust", is added to provide guidance and criteria when evaluating combustible dust hazards.

2018 IFC Chapter 23: Motor Fuel-Dispensing Facilities and Repair Garages			
Code Section		Section Title	Description of Change
2018	2015		
2303.2.1 Addition		Height of Emergency Disconnect Switch	This new section provides specific height limitations for emergency disconnect switches for fuel dispensing operations.
2306.7.3.1 Addition		Protection from Vehicle Impact	The fire code official has the authority to require additional vehicle impact protection at fuel dispensing facilities.
2309.6, 2309.6.1 Modification	2309.6, 2309.6.1	Defueling of Hydrogen Fueled Vehicles	The requirements for repairing vehicles fueled by compressed or liquefied compressed gas have been updated to address current technologies and processes.
2311.6 Addition	2311.6	Repair of Vehicles Fueled by CNG and LNG	The requirements for repairing vehicles fueled by compressed or liquefied compressed gas have been updated to address current technologies and processes.
2311.8 Modification	2311.8	Repair of Vehicles Fueled by Lighter-than-air Fuels	The requirements for repairing vehicles fueled by compressed or liquefied compressed gas have been updated to address current technologies and processes.

2018 IFC Chapter 24: Flammable Finishes			
Code Section		Section Title	Description of Change
2018	2015		
2403.2.1.3 Modification	2403.2.1.3	Classified Electrical Areas Around Spray Booths	The size of the classified area around spray booth openings is reduced to 3 feet.
2404.2, 2404.3.1, 2404.3.1.1, 202, 914.9 Modification	2404.2, 2404.3.1, 2404.3.1.1, 202, 914.9	Spray Rooms and Spray Booths	Requirements for spray booths and spray operations are correlated between the IFC and IBC.

2018 IFC Chapter 28: Motor Fuel-Dispensing Facilities and Repair Garages			
Code Section		Section Title	Description of Change
2018	2015		
2810 Addition		Outdoor Storage of Pallets at Pallet Manufacturing and Recycling Facilities	This new section adds criteria for outdoor pallet storage at pallet manufacturing facilities and pallet recycling facilities. It provides specific height limits and separation to property lines and buildings, but also allows for the distances to be modified based on providing additional fire protection features.

2018 IFC Chapter 31: Tents, Temporary Special Event Structures and Other Membrane Structures			
Code Section		Section Title	Description of Change
2018	2015		
Chapter 31 Clarification		Umbrella Structures	A new definition is added for umbrella structures which results in regulation of umbrella structures when they exceed 400 square feet.
3103.3.1 Addition		Tents and Membrane Structures Used as Special Amusement Buildings	Special amusement buildings located in temporary tents are required to be equipped with an automatic sprinkler system.
3103.6, 3103.9, 3103.9.1, 3103.9.2, 3103.9.3 Modification	3103.6, 3103.9, 3103.9.1, 3103.9.2, 3103.9.3	Structural Stability of Tents	Temporary tents and membrane structures are required to provide construction documents which address their structural stability and load carrying capacity. Larger tents and membrane structures have been added to the list of temporary facilities which must comply.
3104.2 Addition		Fabrics for Tents and Membrane Structures	The application of testing criteria for flame spread of tent and membrane structures has been clarified.
3105, 202, 105.6.47, 105.7.22 Addition		Temporary Special Event Structures	The requirements for temporary stage structures are expanded to include all temporary structures greater than 400 square feet when used at special events.
Section 3106 Addition		Outdoor Assembly Events	This section adds requirements specific to outdoor public gatherings and improves the correlation of requirements in the IBC and IFC.
3107.3, 3107.13.1, 3107.13.2, 3107.13.3 Modification		LP-gas Containers and Tanks Adjacent to Tents and Membrane Structures	Requirements for the use and separation of LPgas containers in and around tents and membrane structures have been revised.

2018 IFC Chapter 32: High-Piled Combustible Storage			
Code Section		Section Title	Description of Change
2018	2015		
Modification		Chapter 32 High-piled Combustible Storage	The requirements in the chapter have been updated to correlate with current NFPA 13 requirements and recent FM Global fire tests.

2018 IFC Chapter 33: Fire Safety During Construction and Demolition			
Code Section		Section Title	Description of Change
2018	2015		
3304.5, 3308, 3309.1 Modification	3304.5, 3308, 3309.1	Fire Watch During Construction and Demolition	Criteria for requiring fire watch has been added to the code along with clarification to the functions and duties of the fire watch personnel.

2018 IFC Chapter 38: Higher Education Laboratories			
Code Section		Section Title	Description of Change
2018	2015		
Chapter 38 Addition		Outdoor Assembly Events	A new chapter has been added to the IFC to specifically regulate college and university laboratories. Correlating sections have been added to a new Section 427 in the IBC.

2018 IFC Chapter 39: Processing and Extraction Facilities			
Code Section		Section Title	Description of Change
2018	2015		
Chapter 39 Addition		Plant Processing and Oil Extraction Facilities	A new chapter has been added to the IFC to specifically regulate the process of extracting oils from plant material.

2018 IFC Chapter 50: Hazardous Materials—General Provisions			
Code Section		Section Title	Description of Change
2018	2015		
Table 5003.1.1, Section 202 Modification	Table 5003.1.1, Section 202	Consumer Fireworks	Addresses the explosive nature of Division 1.4G explosives and removes the 100% increase credit for sprinklers where these items are stored.
Table 5003.1.1(1), Table 5003.11.1, Section 6303.1.1.2 Modification	Table 5003.1.1(1), Table 5003.11.1, Section 6303.1.1.2	Maximum Allowable Quantity for Class 3 Oxidizers	The maximum allowable quantity for Class 3 oxidizers is increased by about 10 percent in control areas and Groups M and S occupancies.
5003.8.3.4 Modification	5003.8.3.4	Control Area Construction	Includes Type IV construction in control area fire resistance rating requirements.
5005.1.12 Modification	5005.1.12	Protection of Hazardous Materials Piping Systems	Requirements for leak detection and emergency shutoff for high hazard gases and liquids only applies when the maximum allowable quantity per control area is exceeded.

2018 IFC Chapter 51: Aerosols			
Code Section		Section Title	Description of Change
2018	2015		
5103.2, 5103.2.1, 5103.2.3, 5104.1.2, 5104.2.2 Modification	5103.2, 5103.2.1, 5103.2.3, 5104.1.2, 5104.2.2	Aerosol Products in Plastic Containers	Limitations on aerosol products in plastic containers is revised and the use of Plastic Aerosol X products is prohibited in higher life hazard occupancies.
5104.8, 5140.8.1, 5104.8.2, 5103.2.2, 5104.3.3, 5106.2.2 Addition		Aerosol Cooking Spray Products	Specific fire protection requirements are added to address aerosol cooking spray products.

2018 IFC Chapter 53: Compressed Gases			
Code Section		Section Title	Description of Change
2018	2015		
5306.1, 5306.2, 5306.2.1, 5306.2.2, 5306.2 Modification	5306.1, 5306.2, 5306.2.1, 5306.2.2, 5306.2	Medical Gas Storage	Requirements for construction and ventilation of interior medical gas rooms and gas cabinets are revised.
5307.1, 5307.3, 5307.3.1, 5307.3.2 Modification	5307.1, 5307.3, 5307.3.1, 5307.3.2	Liquid Carbon Dioxide Systems for Beverage Dispensing	Requirements for liquefied CO2 in beverage dispensing applications have been correlated with requirements for gas detection systems.
5307.4, 5307.4.1, 5307.4.2, 5307.4.3, 5307.4.4, 5307.4.5, 5307.4.6, 5307.4.7 Addition		Carbon Dioxide Enrichment Systems	Carbon dioxide enrichment systems area regulated by the Fire Code when the system contains more than 100 pounds of CO2, or when the refill connection is remote from the tank or vessel.

2018 IFC Chapter 57: Mobile Fueling Operations			
Code Section		Section Title	Description of Change
2018	2015		
5707 Addition		Mobile Fueling Operations	On-demand mobile fueling is allowed to occur at approved locations and under the control of a permit issued by the fire code official.

2018 IFC Chapter 61: Liquefied Petroleum Gases			
Code Section		Section Title	Description of Change
2018	2015		
Table 6104.3 Modification	Table 6104.3	Location of LP-gas Containers	New Footnote g specifies separations between above-ground LP-gas containers and public ways.

2018 IFC Appendix E Hazard Categories			
Code Section		Section Title	Description of Change
2018	2015		
E102.7.1 Modification	E102.7.1	Hazard Classification of Oxidizers	This change revised the oxidizer classification of sodium dichloro-s-triazinetriane anhydrous (sodium dichloroisocyanurate anhydrous).

APPENDIX B

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance or legislation of the jurisdiction.

User note:

About this appendix: Appendix B provides a tool for the use of jurisdictions in establishing a policy for determining fire-flow requirements in accordance with Section 507.3. The determination of required fire flow is not an exact science, but having some level of information provides a consistent way of choosing the appropriate fire flow for buildings throughout a jurisdiction. The primary tool used in this appendix is a table that presents fire flow based on construction type and building area based on the correlation of the Insurance Services Office (ISO) method and the construction types used in the International Building Code®.

SECTION B101 GENERAL

B101.1 Scope. The procedure for determining fire-flow requirements for buildings or portions of buildings hereafter constructed shall be in accordance with this appendix. This appendix does not apply to structures other than buildings.

SECTION B102 DEFINITIONS

B102.1 Definitions. For the purpose of this appendix, certain terms are defined as follows:

FIRE FLOW. The flow rate of a water supply, measured at 20 pounds per square inch (psi) (138 kPa) residual pressure, that is available for fire fighting.

FIRE-FLOW CALCULATION AREA. The floor area, in square feet (m²), used to determine the required fire flow.

SECTION B103 MODIFICATIONS

- **B103.1 Decreases.** The *fire code official* is authorized to reduce the *fire-flow* requirements for isolated buildings or a group of buildings in rural areas or small communities where the development of full *fire-flow* requirements is impractical.
- **B103.2 Increases.** The *fire code official* is authorized to increase the *fire-flow* requirements where conditions indicate an unusual susceptibility to group fires or conflagrations. An increase shall be not more than twice that required for the building under consideration.

B103.3 Areas without water supply systems. For information regarding water supplies for fire-fighting purposes in rural and suburban areas in which adequate and reliable water supply systems do not exist, the *fire code official* is authorized to utilize NFPA 1142 or the *International Wildland-Urban Interface Code*.

SECTION B104 FIRE-FLOW CALCULATION AREA

B104.1 General. The *fire-flow calculation area* shall be the total floor area of all floor levels within the *exterior walls*, and under the horizontal projections of the roof of a building, except as modified in Section B104.3.

B104.2 Area separation. Portions of buildings that are separated by *fire walls* without openings, constructed in accordance with the *International Building Code*, are allowed to be considered as separate *fire-flow calculation areas*.

B104.3 Type IA and Type IB construction. The *fire-flow calculation area* of buildings constructed of Type IA and Type IB construction shall be the area of the three largest successive floors.

Exception: *Fire-flow calculation area* for open parking garages shall be determined by the area of the largest floor.

SECTION B105 FIRE-FLOW REQUIREMENTS FOR BUILDINGS

B105.1 One- and two-family dwellings, Group R-3 and R-4 buildings and townhouses. The minimum *fire-flow* and flow duration requirements for one- and two-family *dwellings*, Group R-3 and R-4 buildings and *townhouses* shall be as specified in Tables B105.1(1) and B105.1(2).

B105.2 Buildings other than one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses. The minimum *fire-flow* and flow duration for buildings other than one- and two-family *dwellings*, Group R-3 and R-4 buildings and *townhouses* shall be as specified in Tables B105.2 and B105.1(2).

B105.3 Water supply for buildings equipped with an automatic sprinkler system. For buildings equipped with an *approved automatic sprinkler system*, the water supply shall be capable of providing the greater of:

1. The *automatic sprinkler system* demand, including hose stream allowance.
2. The required *fire flow*.

TABLE B105.1(1)
REQUIRED FIRE FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES

FIRE-FLOW CALCULATION AREA (square feet)	AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE FLOW (gallons per minute)	FLOW DURATION (hours)
0-3,600	No automatic sprinkler system	1,000	1
3,601 and greater	No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2) at the required fire-flow rate
0-3,600	Section 903.3.1.3 of the <i>International Fire Code</i> or Section P2904 of the <i>International Residential Code</i>	500	1/2
3,601 and greater	Section 903.3.1.3 of the <i>International Fire Code</i> or Section P2904 of the <i>International Residential Code</i>	1/2 value in Table B105.1(2)	1

For SI: 1 square foot = 0.0929 m², 1 gallon per minute = 3.785 L/m.

TABLE B105.1(2)
REFERENCE TABLE FOR TABLES B105.1(1) AND B105.2

FIRE-FLOW CALCULATION AREA (square feet)					FIRE FLOW (gallons per minute) ^b	FLOW DURATION (hours)
Type IA and IB ^a	Type IIA and IIIA ^a	Type IV and V-A ^a	Type IIB and IIIB ^a	Type V-B ^a		
0-22,700	0-12,700	0-8,200	0-5,900	0-3,600	1,500	2
22,701-30,200	12,701-17,000	8,201-10,900	5,901-7,900	3,601-4,800	1,750	
30,201-38,700	17,001-21,800	10,901-12,900	7,901-9,800	4,801-6,200	2,000	
38,701-48,300	21,801-24,200	12,901-17,400	9,801-12,600	6,201-7,700	2,250	
48,301-59,000	24,201-33,200	17,401-21,300	12,601-15,400	7,701-9,400	2,500	
59,001-70,900	33,201-39,700	21,301-25,500	15,401-18,400	9,401-11,300	2,750	
70,901-83,700	39,701-47,100	25,501-30,100	18,401-21,800	11,301-13,400	3,000	3
83,701-97,700	47,101-54,900	30,101-35,200	21,801-25,900	13,401-15,600	3,250	
97,701-112,700	54,901-63,400	35,201-40,600	25,901-29,300	15,601-18,000	3,500	
112,701-128,700	63,401-72,400	40,601-46,400	29,301-33,500	18,001-20,600	3,750	
128,701-145,900	72,401-82,100	46,401-52,500	33,501-37,900	20,601-23,300	4,000	4
145,901-164,200	82,101-92,400	52,501-59,100	37,901-42,700	23,301-26,300	4,250	
164,201-183,400	92,401-103,100	59,101-66,000	42,701-47,700	26,301-29,300	4,500	
183,401-203,700	103,101-114,600	66,001-73,300	47,701-53,000	29,301-32,600	4,750	
203,701-225,200	114,601-126,700	73,301-81,100	53,001-58,600	32,601-36,000	5,000	
225,201-247,700	126,701-139,400	81,101-89,200	58,601-65,400	36,001-39,600	5,250	
247,701-271,200	139,401-152,600	89,201-97,700	65,401-70,600	39,601-43,400	5,500	
271,201-295,900	152,601-166,500	97,701-106,500	70,601-77,000	43,401-47,400	5,750	
295,901-Greater	166,501-Greater	106,501-115,800	77,001-83,700	47,401-51,500	6,000	
—	—	115,801-125,500	83,701-90,600	51,501-55,700	6,250	
—	—	125,501-135,500	90,601-97,900	55,701-60,200	6,500	
—	—	135,501-145,800	97,901-106,800	60,201-64,800	6,750	
—	—	145,801-156,700	106,801-113,200	64,801-69,600	7,000	
—	—	156,701-167,900	113,201-121,300	69,601-74,600	7,250	
—	—	167,901-179,400	121,301-129,600	74,601-79,800	7,500	
—	—	179,401-191,400	129,601-138,300	79,801-85,100	7,750	
—	—	191,401-Greater	138,301-Greater	85,101-Greater	8,000	

For SI: 1 square foot = 0.0929 m², 1 gallon per minute = 3.785 L/m, 1 pound per square inch = 6.895 kPa.

a. Types of construction are based on the *International Building Code*.

b. Measured at 20 psi residual pressure.

TABLE B105.2
REQUIRED FIRE FLOW FOR BUILDINGS OTHER THAN ONE- AND
TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES

AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE FLOW (gallons per minute)	FLOW DURATION (hours)
No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2)
Section 903.3.1.1 of the <i>International Fire Code</i>	25% of the value in Table B105.1(2) ^a	Duration in Table B105.1(2) at the reduced flow rate
Section 903.3.1.2 of the <i>International Fire Code</i>	25% of the value in Table B105.1(2) ^b	Duration in Table B105.1(2) at the reduced flow rate

For SI: 1 gallon per minute = 3.785 L/m.

a. The reduced fire flow shall be not less than 1,000 gallons per minute.

b. The reduced fire flow shall be not less than 1,500 gallons per minute.

SECTION B106 REFERENCED STANDARDS

ICC	IBC—18	International Building Code	B104.2
ICC	IWUIC—18	International Wildland- Urban Interface Code	B103.3
ICC	IRC—18	International Residential Code	Table B105.1(1)
NFPA	1142—17	Standard on Water Supplies for Suburban and Rural Fire Fighting	B103.3

APPENDIX C

FIRE HYDRANT LOCATIONS AND DISTRIBUTION

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance or legislation of the jurisdiction.

User note:

About this appendix: Appendix C focuses on the location and spacing of fire hydrants, which is important to the success of fire-fighting operations. The difficulty with determining the spacing of fire hydrants is that every situation is unique and has unique challenges. Finding one methodology for determining hydrant spacing is difficult. This particular appendix gives one methodology based on the required fire flow that fire departments can work with to set a policy for hydrant distribution around new buildings and facilities in conjunction with Section 507.5.

SECTION C101 GENERAL

C101.1 Scope. In addition to the requirements of Section 507.5.1, fire hydrants shall be provided in accordance with this appendix for the protection of buildings, or portions of buildings, hereafter constructed or moved into the jurisdiction.

SECTION C102 NUMBER OF FIRE HYDRANTS

C102.1 Minimum number of fire hydrants for a building. The number of fire hydrants available to a building shall be not less than the minimum specified in Table C102.1.

TABLE C102.1
REQUIRED NUMBER AND SPACING OF FIRE HYDRANTS^h

FIRE-FLOW REQUIREMENT (gpm)	MINIMUM NUMBER OF HYDRANTS	AVERAGE SPACING BETWEEN HYDRANTS ^{a, b, c, f, g} (feet)	MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT ^{d, f, g}
1,750 or less	1	500	250
1,751–2,250	2	450	225
2,251–2,750	3	450	225
2,751–3,250	3	400	225
3,251–4,000	4	350	210
4,001–5,000	5	300	180
5,001–5,500	6	300	180
5,501–6,000	6	250	150
6,001–7,000	7	250	150
7,001 or more	8 or more ^e	200	120

For SI: 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.

- a. Reduce by 100 feet for dead-end streets or roads.
- b. Where streets are provided with median dividers that cannot be crossed by fire fighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis.
- c. Where new water mains are extended along streets where hydrants are not needed for protection of structures or similar fire problems, fire hydrants shall be provided at spacing not to exceed 1,000 feet to provide for transportation hazards.
- d. Reduce by 50 feet for dead-end streets or roads.
- e. One hydrant for each 1,000 gallons per minute or fraction thereof.
- f. A 50-percent spacing increase shall be permitted where the building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 of the *International Fire Code*.
- g. A 25-percent spacing increase shall be permitted where the building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.2 or 903.3.1.3 of the *International Fire Code* or Section P2904 of the *International Residential Code*.
- h. The fire code official is authorized to modify the location, number and distribution of fire hydrants based on site-specific constraints and hazards.

SECTION C103 FIRE HYDRANT SPACING

C103.1 Hydrant spacing. Fire apparatus access roads and public streets providing required access to buildings in accordance with Section 503 shall be provided with one or more fire hydrants, as determined by Section C102.1. Where more than one fire hydrant is required, the distance between required fire hydrants shall be in accordance with Sections C103.2 and C103.3.

C103.2 Average spacing. The average spacing between fire hydrants shall be in accordance with Table C102.1.

Exception: The average spacing shall be permitted to be increased by 10 percent where existing fire hydrants provide all or a portion of the required number of fire hydrants.

C103.3 Maximum spacing. The maximum spacing between fire hydrants shall be in accordance with Table C102.1.

SECTION C104 CONSIDERATION OF EXISTING FIRE HYDRANTS

C104.1 Existing fire hydrants. Existing fire hydrants on public streets are allowed to be considered as available to meet the requirements of Sections C102 and C103. Existing fire hydrants on adjacent properties are allowed to be considered as available to meet the requirements of Sections C102 and C103 provided that a fire apparatus access road extends between properties and that an easement is established to prevent obstruction of such roads.

SECTION C105 REFERENCED STANDARD

ICC IBC—18 International Residential Code Table C102.1

APPENDIX D

FIRE APPARATUS ACCESS ROADS

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance or legislation of the jurisdiction.

User note:

About this appendix: Appendix D contains more detailed elements for use with the basic access requirements found in Section 503, which gives some minimum criteria, such as a maximum length of 150 feet and a minimum width of 20 feet, but in many cases does not state specific criteria. This appendix, like Appendices B and C, is a tool for jurisdictions looking for guidance in establishing access requirements and includes criteria for multiple-family residential developments, large one- and two-family subdivisions, specific examples for various types of turnarounds for fire department apparatus and parking regulatory signage.

SECTION D101 GENERAL

D101.1 Scope. Fire apparatus access roads shall be in accordance with this appendix and all other applicable requirements of the *International Fire Code*.

SECTION D102 REQUIRED ACCESS

D102.1 Access and loading. Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an *approved* fire apparatus access road with an asphalt, concrete or other *approved* driv-

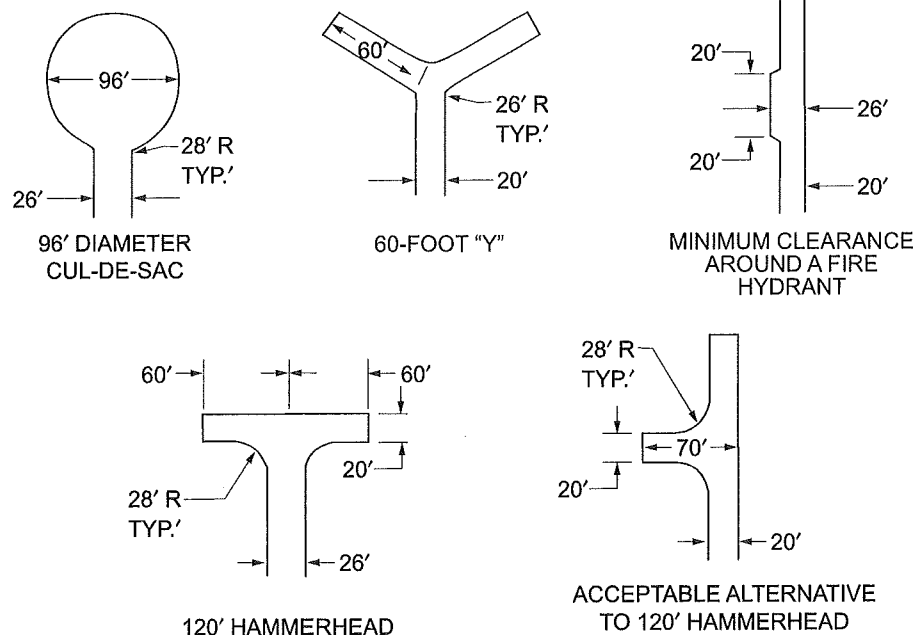
ing surface capable of supporting the imposed load of fire apparatus weighing up to 75,000 pounds (34 050 kg).

SECTION D103 MINIMUM SPECIFICATIONS

D103.1 Access road width with a hydrant. Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (7925 mm), exclusive of shoulders (see Figure D103.1).

D103.2 Grade. Fire apparatus access roads shall not exceed 10 percent in grade.

Exception: Grades steeper than 10 percent as *approved* by the fire code official.



For SI: 1 foot = 304.8 mm.

FIGURE D103.1
DEAD-END FIRE APPARATUS ACCESS ROAD TURNAROUND

D103.3 Turning radius. The minimum turning radius shall be determined by the *fire code official*.

D103.4 Dead ends. Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided with width and turnaround provisions in accordance with Table D103.4.

TABLE D103.4
REQUIREMENTS FOR DEAD-END
FIRE APPARATUS ACCESS ROADS

LENGTH (feet)	WIDTH (feet)	TURNAROUNDS REQUIRED
0–150	20	None required
151–500	20	120-foot Hammerhead, 60-foot “Y” or 96-foot diameter cul-de-sac in accordance with Figure D103.1
501–750	26	120-foot Hammerhead, 60-foot “Y” or 96-foot diameter cul-de-sac in accordance with Figure D103.1
Over 750		Special approval required

For SI: 1 foot = 304.8 mm.

D103.5 Fire apparatus access road gates. Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. Where a single gate is provided, the gate width shall be not less than 20 feet (6096 mm). Where a fire apparatus road consists of a divided roadway, the gate width shall be not less than 12 feet (3658 mm).
2. Gates shall be of the swinging or sliding type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be *approved by the fire code official*.
6. Methods of locking shall be submitted for approval by the *fire code official*.
7. Electric gate operators, where provided, shall be *listed* in accordance with UL 325.
8. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.

D103.6 Signs. Where required by the *fire code official*, fire apparatus access roads shall be marked with permanent NO PARKING—FIRE LANE signs complying with Figure D103.6. Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and have red letters on a white reflective background. Signs shall be posted

on one or both sides of the fire apparatus road as required by Section D103.6.1 or D103.6.2.

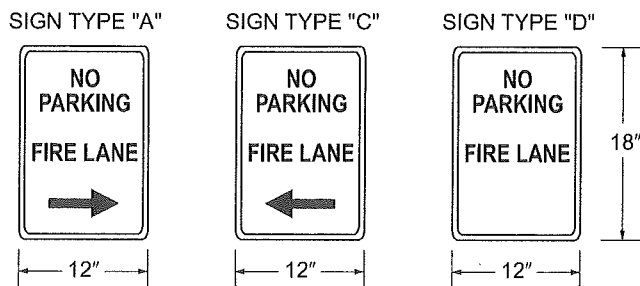


FIGURE D103.6
FIRE LANE SIGNS

D103.6.1 Roads 20 to 26 feet in width. *Fire lane* signs as specified in Section D103.6 shall be posted on both sides of fire apparatus access roads that are 20 to 26 feet wide (6096 to 7925 mm).

D103.6.2 Roads more than 26 feet in width. *Fire lane* signs as specified in Section D103.6 shall be posted on one side of fire apparatus access roads more than 26 feet wide (7925 mm) and less than 32 feet wide (9754 mm).

SECTION D104 **COMMERCIAL AND INDUSTRIAL DEVELOPMENTS**

D104.1 Buildings exceeding three stories or 30 feet in height. Buildings or facilities exceeding 30 feet (9144 mm) or three stories in height shall have not fewer than two means of fire apparatus access for each structure.

D104.2 Buildings exceeding 62,000 square feet in area. Buildings or facilities having a gross *building area* of more than 62,000 square feet (5760 m²) shall be provided with two separate and *approved* fire apparatus access roads.

Exception: Projects having a gross *building area* of up to 124,000 square feet (11 520 m²) that have a single *approved* fire apparatus access road where all buildings are equipped throughout with *approved automatic sprinkler systems*.

D104.3 Remoteness. Where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the lot or area to be served, measured in a straight line between accesses.

SECTION D105 **AERIAL FIRE APPARATUS ACCESS ROADS**

D105.1 Where required. Where the vertical distance between the grade plane and the highest roof surface exceeds 30 feet (9144 mm), *approved* aerial fire apparatus access roads shall be provided. For purposes of this section, the highest roof surface shall be determined by measurement to the eave of a pitched roof, the intersection of the roof to the exterior wall, or the top of parapet walls, whichever is greater.

D105.2 Width. Aerial fire apparatus access roads shall have a minimum unobstructed width of 26 feet (7925 mm), exclusive of shoulders, in the immediate vicinity of the building or portion thereof.

D105.3 Proximity to building. One or more of the required access routes meeting this condition shall be located not less than 15 feet (4572 mm) and not greater than 30 feet (9144 mm) from the building, and shall be positioned parallel to one entire side of the building. The side of the building on which the aerial fire apparatus access road is positioned shall be approved by the *fire code official*.

D105.4 Obstructions. Overhead utility and power lines shall not be located over the aerial fire apparatus access road or between the aerial fire apparatus road and the building. Other obstructions shall be permitted to be placed with the approval of the *fire code official*.

SECTION D106

MULTIPLE-FAMILY RESIDENTIAL DEVELOPMENTS

D106.1 Projects having more than 100 dwelling units. Multiple-family residential projects having more than 100 *dwelling units* shall be equipped throughout with two separate and *approved* fire apparatus access roads.

Exception: Projects having up to 200 *dwelling units* shall have not fewer than one *approved* fire apparatus access road where all buildings, including nonresidential occupancies, are equipped throughout with *approved automatic sprinkler systems* installed in accordance with Section 903.3.1.1 or 903.3.1.2.

D106.2 Projects having more than 200 dwelling units. Multiple-family residential projects having more than 200 *dwelling units* shall be provided with two separate and *approved* fire apparatus access roads regardless of whether they are equipped with an *approved automatic sprinkler system*.

D106.3 Remoteness. Where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses.

SECTION D107

ONE- OR TWO-FAMILY RESIDENTIAL DEVELOPMENTS

D107.1 One- or two-family dwelling residential developments. Developments of one- or two-family *dwelling units* where the number of *dwelling units* exceeds 30 shall be provided with two separate and *approved* fire apparatus access roads.

Exceptions:

1. Where there are more than 30 *dwelling units* on a single public or private fire apparatus access road and all *dwelling units* are equipped throughout with an *approved automatic sprinkler system* in accordance with Section 903.3.1.1, 903.3.1.2 or

903.3.1.3, access from two directions shall not be required.

2. The number of *dwelling units* on a single fire apparatus access road shall not be increased unless fire apparatus access roads will connect with future development, as determined by the *fire code official*.

D107.2 Remoteness. Where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses.

SECTION D108 REFERENCED STANDARDS

ASTM	F2200—14	Standard Specification for Automated Vehicular Gate Construction	D103.5
UL	325—02	Door, Drapery, Gate, Louver, and Window Operators and Systems, with Revisions through May 2015	D103.5

APPENDIX N

INDOOR TRADE SHOWS AND EXHIBITIONS

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance or legislation of the jurisdiction.

User note:

About this appendix: Appendix N was created to address the hazards that are associated with larger, more complex trade shows and exhibitions. Although many of these requirements are already included in various locations in this code, some of the more important items, such as requirements for covered booths and multiple-level booths, are not. The intent is to have the requirements covering these events in a single location with pointers to other locations within this code, which makes it easier for those organizing exhibitions and individual exhibitors who are unfamiliar with the fire code to locate the requirements that are applicable to them.

SECTION N101 GENERAL

N101.1 Scope. Indoor trade shows and exhibitions with temporary vendor displays or booths within any indoor occupancy classification shall be in accordance with this appendix and all other applicable requirements of this code.

Compliance with this appendix is not required where Section N101.1.1 or N101.1.2 is applicable.

N101.1.1 Nonsprinklered buildings. In a building that is not equipped throughout with an *automatic sprinkler system*, the aggregate exhibit area must be less than 1,500 square feet (139 m²) of floor area and meet both of the following conditions:

1. The exhibit area does not include any covered or multiple-level exhibits or booths.
2. Not fewer than two remote *exits* or *exit access* doors in compliance with Chapter 10 are provided.

N101.1.2 Sprinklered buildings. In a building that is equipped throughout with an *automatic sprinkler system* with a minimum design density of ordinary hazard Group 1, the aggregate exhibit area must be less than 4,500 square feet (418 m²) of floor area and meet both of the following conditions:

1. The exhibit area does not include any covered or multiple-level exhibits or booths.
2. Not fewer than two remote *exits* or *exit access* doors in compliance with Chapter 10 are provided.

N101.2 Permit required. An operational permit for trade shows and exhibitions shall be required as set forth in Section 105.6.14.

N101.3 Application. A permit application for a trade show or exhibition shall be submitted to the *fire code official* prior to the start of the event in a time frame established by the jurisdiction. The application shall include documentation that identifies all of the following:

1. The *means of egress*.

2. The locations and widths of *exits* and *aisles*.
3. The locations of *exit* signs.
4. The total square footage (square meters) of spaces.
5. The location and arrangement of all booths and cooking equipment.
6. The location of all fire protection equipment.
7. The type and location of any heating and electrical equipment, where applicable.
8. The location of any covered or multiple-level booths.
9. *Construction documents* for any covered or multiple-level booths.
10. The storage locations and quantities of any highly combustible goods.
11. The location and type of any vehicle displays, where applicable.

SECTION N102 DEFINITIONS

N102.1 Definitions. For the purpose of this appendix, certain terms are defined as follows:

COOKING. Heating food products to a temperature of 145°F (63°C) or higher by baking, braising, boiling, frying or grilling.

COVERED BOOTH. An exhibit that has an obstruction placed over the exhibit above floor level that resembles a roof, canopy, tent or other obstruction, other than vertical signs or banners.

MULTIPLE-LEVEL BOOTH. An exhibit that has a second level or tier constructed on top of the exhibit or portion of the exhibit that is accessible to the public, or includes a live load above the exhibit area floor level.

SECTION N103 PUBLIC SAFETY FOR EVENTS

N103.1 Fire safety and evacuation plan. A fire safety and evacuation plan shall be provided in accordance with Section 404.2.

Exception: Where the *fire code official* determines that the nature of the exhibition, display or the activities therein does not pose an increased hazard to public safety.

N103.2 Fire watch personnel. Where, in the opinion of the *fire code official*, it is essential for public safety in a trade show or exhibition, either because of the number or persons present or because of the nature of the performance, exhibition, display or activity, the *owner* or *owner's* authorized agent shall provide one or more *fire watch* personnel in accordance with Section 403.12.1.

N103.3 Crowd managers. Where events involve a gathering of more than 1,000 people, trained crowd managers shall be provided in accordance with Section 403.12.3.

SECTION N104 INTERIOR FINISH AND DECORATIVE MATERIALS

N104.1 General. Interior finish, interior trim, furniture, furnishings and decorative materials, including decorative vegetation, used in exhibition areas shall comply with the requirements of this section and Chapter 8.

N104.2 Interior wall and ceiling finish. The materials used for interior wall and ceiling finish of exhibit booths and displays in exhibition areas shall comply with one of the following:

1. Where the building is not equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1, the wall and ceiling finish materials are required to be Class A in accordance with Section 803.
2. Where the building is equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1, the wall and ceiling finish materials are required to be not less than Class B in accordance with Section 803.

SECTION N105 MULTIPLE-LEVEL BOOTHS

N105.1 Construction documents. *Construction documents* for all multiple-level booths shall be stamped by a *registered design professional* and shall be submitted with the permit application to the *fire code official* or the *building code official*, as appropriate.

N105.2 Structural design. Multiple-level booths shall be designed and constructed in accordance with Chapter 16 of the *International Building Code*.

N105.3 Means of egress. Upper levels of multiple-level booths with an *occupant load* greater than 10 persons shall have not fewer than two *exits* or *exit access* that are separated in accordance with Section 1007.1.1.

N105.4 Automatic sprinkler systems. An *approved automatic sprinkler system* in accordance with Section 903.3.1.1 shall be provided in multiple-level booths exceeding 400 square feet (37.2 m²) in floor area per level.

N105.5 Inspection. Inspection to verify that multiple-level booths are constructed in accordance with the *construction documents* and structural design details required by this section shall be *approved* by the *building code official*.

N105.6 Fire alarm and detection. Each multiple-level booth with a floor area exceeding 120 square feet (11.1 m²) on any level shall be provided with an approved fire alarm system in accordance with Section 907.2.

SECTION N106 COVERED BOOTHS

N106.1 Automatic sprinkler systems. An *approved automatic sprinkler system* in accordance with Section 903.3.1.1 of this code shall be provided in covered booths exceeding 100 square feet (9.3 m²) in floor area per level.

N106.2 Fire alarm and detection. Each covered booth with a floor area exceeding 120 square feet (11.1 m²) on any level shall be provided with an *approved fire alarm system* in accordance with Section 907.2.

SECTION N107 DISPLAY AND STORAGE OF HAZARDOUS AND COMBUSTIBLE MATERIALS

N107.1 Hazardous materials. The display of hazardous materials shall comply with Section 314 and Chapters 50 through 67. The storage of hazardous materials in indoor trade shows and exhibition areas shall be prohibited.

N107.1.1 Display near exit. The display of hazardous materials within 5 feet (1524 mm) of an *exit* shall be prohibited.

N107.2 Storage of combustible materials. Storage of combustible materials shall comply with Section 315.

N107.3 Vehicles. The display of liquid- or gas-fueled vehicles, boats or other motor craft in indoor trade shows and exhibition areas shall comply with Sections 314.4 and N107.3.1 through N107.3.3.

N107.3.1 Batteries in vehicles. Vehicle batteries shall be rendered inoperable. Batteries in liquid- and gas-fueled vehicles shall be disconnected. Batteries in electric vehicles shall be rendered inoperable by the removal of fuses or other *approved* methods but shall not be required to be disconnected.

N107.3.2 Vehicle fuel. Vehicle fuel shall comply with Sections N107.3.2.1 through N107.3.2.4.

N107.3.2.1 Fueling within the structure. Vehicles shall not be fueled or defueled within the structure.

N107.3.2.2 Vehicle fuel tanks. Vehicle fuel tanks shall contain not more than one quarter of the tank capacity or 5 gallons (18.93 L) of fuel, whichever is less.

N107.3.2.3 Vehicle fuel systems. Vehicle fuel systems shall be inspected for leaks prior to the vehicle being brought into the structure.

N107.3.2.4 Vehicle fuel tank openings. Vehicle fuel tank openings shall be locked and sealed to prevent the escape of vapors.

N107.3.3 Obstruction by vehicles. Vehicles shall not be located in such a manner that they obstruct a *means of egress*.

N107.3.4 Gas-powered vehicles. Compressed natural gas (CNG), liquefied petroleum gas (LPG) or hydrogen-powered vehicles present in indoor trade shows and exhibition areas shall comply with sections N107.3.4.1 through N107.3.4.3.

N107.3.4.1 Shutoff valves. Shutoff valves shall be closed and the engine shall be operated until it stops. Valves shall remain closed until the vehicle is removed.

N107.3.4.2 Battery hot lead. The hot lead of the battery shall be disconnected.

N107.3.4.3 Dual-fuel vehicles equipped to operate on gasoline. Dual-fuel vehicles equipped to operate on gasoline as well as on CNG, LPG or hydrogen shall comply with Section 3104.18.

N107.3.5 Competitions or demonstrations. Competitions or demonstrations using any type of vehicle shall comply with Section 3104.18.5.

N107.4 Fueled equipment other than vehicles. Fueled equipment other than vehicles shall comply with Section 313.

N107.5 Liquid propane gas containers. Liquid propane (LP) gas containers shall comply with Sections N107.5.1 through N107.5.5.

N107.5.1 LP-gas containers exceeding 12 pounds (5 kg) of water capacity. The use of LP-gas containers exceeding 12 pounds (5 kg) of water capacity shall be prohibited.

N107.5.2 Where more than one LP-gas container is present in the same area. Where more than one LP-gas container is present in the same area, the aggregate weight of all containers in the area shall not exceed 12 pounds (5 kg) of water capacity.

N107.5.3 Equipment for LP-gas containers. Equipment for LP-gas containers, including tanks, piping, hoses, fittings, valves, tubing and other related components, shall be *approved* and shall comply with Chapter 61 and with the applicable requirements of the *International Fuel Gas Code*.

N107.5.4 Securing of LP-gas containers. Portable LP-gas containers shall be securely fastened in place to prevent unauthorized movement.

N107.5.5 Spare LP-gas containers. Spare LP-gas containers not connected to an *approved* appliance shall be

stored in a location and manner *approved* by the *fire code official*.

N107.6 Cooking and open-flame devices. All cooking equipment and any open-flame devices shall comply with the requirements of Section 308 of this code and with Chapter 5 of the *International Mechanical Code*. Cooking equipment shall be separated from combustible material display or storage by a horizontal distance of not less than 5 feet (1524 mm).

SECTION N108 MEANS OF EGRESS

N108.1 Means of egress from the indoor trade show or exhibition area. *Means of egress* from the indoor trade show or exhibition area shall comply with Chapter 10 and with Sections N108.2 and N108.3.

N108.2 Design of means of egress. The design of *means of egress* shall take into consideration the exhibit layout and the anticipated crowd movement during the event.

N108.3 Aisles and corridors. *Aisles* and *corridors* within the exhibit area shall be kept free of obstructions when the public is present. Storage of any kind in *aisles* or *corridors* within the exhibit area is not permitted.

SECTION N109 REFERENCED STANDARDS

ICC	IBC—18	International Building Code	N105.2
ICC	IFGC—18	International Fuel Gas Code	N107.5.3
ICC	IMC—18	International Mechanical Code	N107.6



JAMES SORENSEN
COMMUNITY DEVELOPMENT
DIRECTOR

KURT BRADBURN
MAYOR

MATTHEW HUISH
CHIEF ADMINISTRATIVE OFFICER

MEMORANDUM

July 13, 2019

To: City Council
CC: Robert Dekorver, Fire Marshal
From: Mike Wilcox, Zoning Administrator, Planning Division
Subject: **Adoption of International Fire Code – Appendix D**

The Community Development Department is aware of the Fire Departments intent to have the City Council review and adopt the International Fire Code Appendix D. We are in support of these regulations in further promoting the health, safety, and welfare of Sandy's residents. In reviewing the proposed implementation of Appendix D, the Community Development staff has found that this will require several sections of the Land Development Code to be amended to be in-line with the proposed standards. It is a best practice and good policy to ensure all laws and regulations are in harmony with one another. The following chapters and sections of the Land Development Code would potentially need revisions to accomplish this goal (additional sections may need to be amended as we do a more thorough review if Appendix D is adopted):

Chapter 21 – Subdivision Design Standards

Specifically Sections: 15A-21-10 – Streets, 15A-21-11 – Additional Standards for Private Streets/Lanes & 15A-21-22 – Flag Lots.

Chapter 15 – Sensitive Area Overlay Zone

Specifically Sections: 15A-15-04 – Development Standards for Sensitive Areas

Chapter 20 – Residential Development Standards

Specifically Sections: 15A-20-07 – Planned Unit Development District (PUD)

Chapter 24 – Commercial and Industrial Development Standards

Specifically Sections: 15A-24-10 – Parking Stall Dimensions, 15A-24-14 – Access and Maneuvering for Fire and Refuse Trucks, 15A-24-15 – Driveway Access – General Standards, 15A-24-17 – Driveways – Widths and Curb Designs

Chapter 37 – Definitions



Staff Report

File #: 19-246, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Truth in Taxation hearing process discussion.

Presenter:

Finance, Legal, Council Office

Description/Background:

Council Member Robinson suggested that the Council receive a briefing on the process of the upcoming Truth in Taxation hearing.



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Staff Report

File #: 19-242, **Version:** 1

Date: 7/30/2019

Approval of the June 25, 2019 Minutes.

Motion to approve the minutes as presented.



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Meeting Minutes

City Council

Brooke Christensen, District 1
Maren Barker, District 2
Kristin Coleman-Nicholl, District 3
Chris McCandless, District 4
Steve Fairbanks, At-large
Linda Martinez Saville, At-large
Zach Robinson, At-large

Tuesday, June 25, 2019

5:15 PM

Council Chambers

5:15 Council Meeting

Roll Call

Council Office Director Michael Applegarth
Council Office Analyst Dustin Fratto
Council Office Manager Pam Lehman

Administration:

Mayor Kurt Bradburn (excused)
CAO Matthew Huish
Deputy to the Mayor Evelyn Everton
Deputy Chief Administrative Officer Kim Bell
City Attorney Bob Thompson
Economic Development Director Nick Duerksen
Assistant Director Community Development Jared Gerber
Long Range Planning Manager Jake Warner
Fire Chief Bruce Cline
Police Chief William O'Neal
Parks & Recreation Director Scott Earl
Assistant Director-Parks and Recreation Todd Asay
Water Construction Supervisor Charlie Millard
Public Works Director Mike Gladbach

Present: 7 - Council Member Brooke Christensen
Council Member Maren Barker
Council Member Kristin Coleman-Nicholl
Council Member Chris McCandless
Council Member Steve Fairbanks
Council Member Zach Robinson
Council Member Linda Martinez Saville

Prayer / Pledge of Allegiance

Chair Kris Coleman Nicholl welcomed all those in attendance.

Council Member Steve Fairbanks offered the opening prayer.

Council Member Linda Martinez Saville led the audience in the pledge.

Non-voting Items

Agenda Planning Calendar Review & Council Office Director's Report

No Report.

Council Member Business

Council Member Saville updated the Council on the Senior Center

Council Member Nicholl will be leaving at 7:00 p.m.

Mayor's Report

Mayor is excused for medical reasons. Deputy Mayor provided the Council an update on the possibility of electric scooters.

CAO Report

Chief Cline updated the Council on fireworks restrictions, followed by Council questions and comments.

The Chief further updated the Council on Fire Department staffing.

Citizen Comments

Monica Zoltansky commented to the Council regarding the response of Sandy City Public Safety Personnel. She further commented on traffic safety in the City.

Elysa (Last Name) commented regarding a concern about an individual attending the Sandy splash pad. Followed by Council questions and comments.

Whitney (Last Name) commented regarding a concern about an individual attending the Sandy splash pad. Followed by Council questions and comments.

1. [19-214](#) Parks and Recreation Department providing an update on preparations for the Independence Day celebration.

Deputy Parks Director Todd Asay along with Park's Water Construction Supervisor Charlie Millard provided an update to the Council regarding the Sandy 4th of July celebration followed by Council questions and comments.

Voting Items

Consent Calendar

Meeting went into Recess

Meeting Reconvened

Approval of the Consent Calendar

A motion was made by Chris McCandless, seconded by Zach Robinson, to approve the Consent Calendar. The motion carried by the following vote:

Yes: 7 - Brooke Christensen
Maren Barker
Kristin Coleman-Nicholl
Chris McCandless
Steve Fairbanks
Zach Robinson
Linda Martinez Saville

2. [19-213](#) Amending the Annual Meeting schedule for 2019 by adopting Resolution 19-29 C canceling the July 2, 2019 City Council Meeting.

Attachments: [Resolution 19-29 C](#)

Item adopted.

3. [19-210](#) Approval of the June 11, 2019 Minutes.

Attachments: [June 11, 2019 Minutes](#)

Item approved.

4. [19-215](#) Approval of the June 25, 2019 Minutes.

Attachments: [June 18, 2019 Minutes](#)

Item approved.

6:00 Time Certain Items and Public Hearings

5. [GPA-03-19-5658\(CC\)](#) Community Development Department presenting a general plan amendment (File #GPA-03-19-5658), adopting the Stadium Village Master Plan.

Attachments: [Stadium Village Master Plan - draft \(6.19.19\)](#)
[Planning Commission Staff Report](#)
[Planning Commission Minutes-draft](#)
[City Council Public Notice](#)
[City Council Notice Letter](#)
[Ordinance 19-16](#)

Jake Warner introduced the stadium village master plan presentation, and provided the Council with background on the master planning process. He further introduced the master plan consultants, Gateway Planning.

Gateway Planning provided the council with a presentation on the Stadium Village Master Plan.

Citizen Comments:

Brad Taylor commented regarding the master plan. He is a property owner within the master plan area. He believes the proposed development is important. He is in support of the plan.

Kerry Buxman spoke in hopes of residents being able to participate in the process moving forward. She expressed her hopes in the future of projects in the area, and her love of the type of zoning included in the plan, she hopes the council supports the plan.

Michael Carter is a resident of Pinewood Village. He spoke regarding traffic and parking in the area of the master plan.

Nina (last name) is a resident of the mobile home park. She spoke about her concern that she might have to leave her home.

The council closed the citizen comment portion of the hearing.

Jake Warner and gateway planning addressed questions and concerns brought up during the citizen comment portion of the public hearing.

Council members commented on and asked questions about the master plan.

Council Member Nicholl left the meeting at 6:50 PM. And Council member Saville began chairing the meeting.

A motion was made by Chris McCandless, seconded by Steve Fairbanks, for the City Council to approve Ordinance #19-16, adopting the Stadium Village Master Plan as a component of The Cairns Master Plan and the Sandy City General Plan, and to ask the Administration to come back with a housing assistance plan.... The motion carried by the following vote:

Yes: 4 - Chris McCandless
Steve Fairbanks
Zach Robinson
Linda Martinez Saville

Yes: 4 - Chris McCandless
Steve Fairbanks
Zach Robinson
Linda Martinez Saville

No: 2 - Brooke Christensen
Maren Barker

No: 2 - Brooke Christensen
Maren Barker

Absent: 1 - Kristin Coleman-Nicholl

Absent: 1 - Kristin Coleman-Nicholl

Adjournment

The meeting adjourned at approximately 7:00 p.m. by Steve Fairbanks. The next scheduled meeting of the City Council is Tuesday, July 9, 2019 at 5:15 p.m.

Kris Coleman Nicholl, Chair
Sandy City Council

Dustin Fratto, Analyst
Meeting Clerk



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Staff Report

File #: 19-243, **Version:** 1

Date: 7/30/2019

Approval of the July 16, 2019 Minutes.

Motion to approve the minutes as presented.



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Meeting Minutes

City Council

Brooke Christensen, District 1
Maren Barker, District 2
Kristin Coleman-Nicholl, District 3
Chris McCandless, District 4
Steve Fairbanks, At-large
Linda Martinez Saville, At-large
Zach Robinson, At-large

Tuesday, July 16, 2019

5:15 PM

Council Chambers

5:15 Council Meeting

Rollcall

Council Office Director Michael Applegarth (excused)
Council Office Analyst Dustin Fratto

Administration:

Mayor Kurt Bradburn
CAO Matthew Huish (excused)
Deputy to the Mayor Evelyn Everton
Deputy Chief Administrative Officer Kim Bell
City Attorney Bob Thompson
Emergency Manager Jeff Mulcahy
Economic Development Director Nick Duerksen
Community Development Director James Sorensen
Administrative Services Director Brian Kelley
Fire Chief Bruce Cline
Police Chief William O'Neal
Parks & Recreation Director Scott Earl
Engineering Manager-Public Utilities Richard Benham
Public Works Director Mike Gladbach

Present: 6 - Council Member Brooke Christensen
Council Member Maren Barker
Council Member Kristin Coleman-Nicholl
Council Member Steve Fairbanks
Council Member Zach Robinson
Council Member Linda Martinez Saville

Absent: 1 - Council Member Chris McCandless

Prayer / Pledge of Allegiance

Chairman Chris McCandless was excused.

Acting Chair Linda Martinez Saville welcomed all those in attendance.

Council Member Steve Fairbanks offered the opening prayer.

Council Member Zach Robinson led the audience in the pledge.

Non-voting Items

Agenda Planning Calendar Review & Council Office Director's Report

Dustin Fratto updated the Council on upcoming agenda items.

Council Member Business

Zach Robinson asked questions regarding glass recycling in the city. Mayor Bradburn indicated he would follow-up.

Zach has two town hall meetings and mentioned the importance and success of the calculator in helping people understand the impact of the proposed tax increase. He would like a briefing at the July 30th meeting on the process of the Truth in Taxation hearing.

Brooke Christensen reported that the Sandy Chamber will be hosting a meet the candidates at Larry Miller Salt Lake Community College Campus on Thursday from 6-8 p.m.

Mayor's Report

Mayor Bradburn presented two videos on the You Tube channel, The CAIRNS area, and the proposed property tax designed to help educate residents.

CAO Report

Matt Huish was excused. Kim Bell invited Brian Kelly for an update.

Brian Kelly presented an update on the property tax proposal.

Citizen Comments

Linda Saville reminded everyone of the open house for the new Public Works building on Friday, July 19th.

Dawn Sidwell asked why the meeting time was changed from 7:00 p.m. to 5:15 p.m. She felt the 5:15 time made it difficult for working people to attend the meetings. She also complained that the City Council gets dinner each Tuesday on the citizen's tax dollars. She asked if the City pays attention to people who are renting their properties and if they are taxed higher.

Steve Fairbanks stated that the State recognizes all properties as residential properties, and the State is the body who sets those laws, not the City Council. Ms. Sidwell should take her argument up with the County Assessor or Legislature.

Chair Linda Martinez Saville explained the meeting time change and dinner.

Dave Nicholson, former Community Coordinator, also complained about the 5:15 p.m start time for the meeting. He asked what happened to the Community Coordinator

Program which he felt was an outstanding program, and how terrible park strips look in the City. He felt the City should remind residents to take care of their park strips.

Mayor Bradburn explained how the Community Coordinator Program is being administered through e-mail where timely information can be distributed in real time, and in a modern way.

Monica Zoltanski spoke regarding the importance of a review by the City Council of the sign ordinance.

Shawn Heath, expressed appreciation to the City Council for their time and effort. He is a full time student and works a full time job and did not feel that the 5:15 start time was a problem.

Information Items

1. [19-231](#) Emergency Management Department recommending the City Council receive an update on the Sandy Emergency Operations Plan

Attachments: [2019.06 Sandy EOP v6 Draft](#)
[Sandy City PIO Process VS2](#)

Jeff Mulcahy presented an update on the new Sandy Emergency Operations Plan.

Council comments followed.

Voting Items

Approval of the Consent Calendar

A motion was made by Steve Fairbanks, seconded by Kristin Coleman-Nicholl, to approve the Consent Calendar. The motion carried by the following vote:

Yes: 6 - Brooke Christensen
Maren Barker
Kristin Coleman-Nicholl
Steve Fairbanks
Zach Robinson
Linda Martinez Saville

Absent: 1 - Chris McCandless

Consent Calendar

2. [19-232](#) Approval of the July 9, 2019 Minutes.

Attachments: [July 9, 2019 Minutes](#)

Item approved.

Council Items

3. [19-225](#) Public Works recommending the City Council adopt resolution 19-30C

authorizing the execution of an interlocal cooperation agreement between UDOT and Sandy City

Attachments: [19-30c](#)

[Pass through funds agreement](#)

Mike Gladbach introduced Resolution 19-30C authorizing the execution of an interlocal cooperation agreement between UDOT and Sandy City.

A motion was made by Brooke Christensen, seconded by Steve Fairbanks, to adopt Resolution #19-30 C, authorizing the execution of an Interlocal Cooperation Agreement between The Utah Department of Transportation (UDOT) and Sandy City to transfer \$1,000,000 from the County of the First Class Fund to the City for right-of-way acquisition for Monroe Street and 9000 South intersection improvement project... The motion carried by the following vote:

Yes: 6 - Brooke Christensen
Maren Barker
Kristin Coleman-Nicholl
Steve Fairbanks
Zach Robinson
Linda Martinez Saville

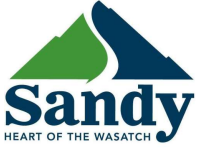
Absent: 1 - Chris McCandless

Adjournment

The meeting adjourned at approximately 6:05 p.m. by Steve Fairbanks. The next scheduled meeting of the City Council is Tuesday, July, 30, 2019 at 5:15 p.m.

Chris McCandless, Chair
Sandy City Council

Pam Lehman
Meeting Clerk



Staff Report

File #: 19-251, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Council Member Christensen recommending the appointment of Martha Haddock to the Historic Preservation Committee.

Presenter:

Council Member Christensen

Description/Background:

The City Council has several appointments to the Historic Preservation Committee. Currently there are two vacant Council appointments with terms expiring in 2019 and 2020. Council staff recommends that Ms. Haddock be appointed to the term expiring in 2020.

Fiscal Impact:

No fiscal impact.

Recommended Action and/or Suggested Motion:

Motion to adopt Resolution 19-31C appointing Martha Haddock to the Historic Preservation Committee.

Resolution 19-31C

BE IT RESOLVED by the City Council of Sandy City, Utah, that Martha Haddock be appointed to the Historic Preservation Committee to fill a term ending December 31, 2020.

PASSED AND APPROVED this ____ DAY of _____ 2019

Chris McCandless, Chair
Sandy City Council

ATTEST:

City Recorder

RECORDED this ____ day of _____, 2019



Staff Report

File #: 19-247, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Council Member Fairbanks requesting adoption of Ordinance 19-17 and Ordinance 19-18 respectively amending Title 6 and Title 22 of the Sandy City Code pertaining to employee severance payments.

Presenter:

Council Member Fairbanks

Description/Background:

On June 18 Council Member Fairbanks introduced a concept to amend the process for employee severance payments. In the ensuing weeks Council Member Fairbanks worked with the City Attorney, the Human Resources Department, and Council Office staff to further develop the proposal which now consists of amendments to Title 6 (Administrative Code) and Title 22 (Legislative Code). The amendments are attached to this agenda item.

The revised process would:

1. Clarify that only Category 1 and 2 appointed officers are eligible for a severance.
2. Require that an eligible employee have at least one-year of employment with City before being eligible for three-month severance.
3. Provide a pro-rated scale for severance payments to employees with less than one-year of employment.
4. Allow the Council to authorize an exception to the one-year requirement upon written request of the Mayor.
5. Require written disclosure of severance payments.
6. Ensure that these severance provisions apply equally to both administrative and council employees.

Fiscal Impact:

There is no direct fiscal impact associated with this item.

Recommended Action and/or Suggested Motion:

Motion to adopt Ordinance 19-17 and 19-18 pertaining to employee severance payments, also providing a saving clause and effective date for each ordinance.

ORDINANCE 19-17

AN ORDINANCE AMENDING SECTION 6-5-3 OF THE REVISED ORDINANCES OF SANDY CITY RELATING TO THE “APPOINTED OFFICERS AND EMPLOYEES”, TITLE 6, “ADMINISTRATIVE CODE”; ALSO PROVIDING A SAVING CLAUSE FOR THE ORDINANCE AND AN EFFECTIVE DATE.

WHEREAS, it is necessary to amend Section 6-5-3 of the Revised Ordinances of Sandy City relating to the “Appointed Officers and Employees”, Title 6, “Administrative Code”; and

WHEREAS, Section 10-8-84, Utah Code Annotated, authorizes such amendment in order to protect the public health, safety and welfare of the City;

NOW, THEREFORE, BE IT ORDAINED by the City Council of Sandy City as follows:

Section 1. Section 6-5-3 of the Revised Ordinances of Sandy City is hereby amended as set forth in **Exhibit A** which is attached to and incorporated in this ordinance.

Section 2. All former ordinances or parts thereof conflicting or inconsistent with the provisions of this ordinance or of the Code hereby adopted are hereby repealed.

Section 3. The provisions of this ordinance shall be severable; and if any provision thereof, or the application of such provision under any circumstances is held invalid, it shall not affect any other provision of this ordinance, or the application in a different circumstance.

Section 4. This ordinance shall become effective upon the later of publication of a summary thereof or sixty days.

PASSED AND APPROVED by the Sandy City Council this ____ day of _____, 2019.

Chris McCandless, Sandy City Council

PRESENTED to the Mayor this ____ day of _____, 2019.

APPROVED by the Mayor this ____ day of _____, 2019.

Kurt Bradburn, Mayor

ATTEST:

City Recorder

RECORDED this ____ day of _____, 2019.

SUMMARY PUBLISHED this ____ day of _____, 2019.

6-5-3. Appointed Officers and Employees.

- (1) Except as provided in Subsection (2) below, each employee of the City shall hold employment without limitation of time, being subject to discharge, suspension of over two days without pay, or involuntary transfer to a position with less remuneration only as provided in Section 6-5-4 of the Revised Ordinances of Sandy City.
- (2) Subsection (1) does not apply to the following officers and employees of the City:
 - (a) Category 1 Appointed Officers which include those in the positions of: deputy to the Mayor, City Council executive director, senior advisor to the Mayor, Mayor's office manager, police chief, fire chief, deputy fire chief, deputy police chief, chief administrative officer, city attorney, public utilities director, public works director, community development director, finance and information technology director, economic development director, parks and recreation director, assistant chief administrative officers, deputy city attorney, city engineer, deputy finance and information technology director, assistant public works director, assistant parks and recreation director, justice court judge, assistant community development director, city treasurer, city recorder, and other Category 1 Appointed Officers as stated annually in the ~~approved~~-staffing and compensation plan approved by the City Council in the annual budget;
 - (b) Category 2 Appointed Officers which include those in the positions of: police captain, city prosecutor, human resources director, risk manager/fund counsel, information technology director, public utilities operations manager, public utilities engineering manager, and other Category 2 Appointed Officers as stated annually in the ~~approved~~-staffing and compensation plan approved by the City Council -in the annual budget;
 - (c) Category 3 Appointed Officers which include those who have been hired under formal written agreement for specific terms based on temporary and exceptional workload demands or because funding is based upon grants or other identified revenues of limited duration;
 - (d) probationary, part-time, and seasonal employees as defined by City policy;
 - (e) elected officials; and
 - (e)(f) such other officers which may be classified as appointed officers from time to time by the Mayor or other person or body exercising executive power in the City.
 - ~~(f) — such other officers which may be classified as appointed officers from time to time by the Mayor or other person or body exercising executive power in the City.~~
- (3) The Mayor, at his sole discretion for Executive branch employees, -may enter into written agreements at the time of hire with officers and employees specified in subsection (2)(a) and 2(b) establishing a severance payment or allowing for their return to a prior position of employment provided that (a) no such agreement shall be effective unless in writing and attested by the City Recorder, (b) no severance payment shall exceed three months pay without express approval by the City Council, (c) the officer or employee has at least one year of full-time employment with Sandy City and (d) officers or employees with less than one-year employment with Sandy City may not exceed 25% of the pay earned for each week of employment during the first year of employment.
- (4) All severance agreements authorized by the Mayor must be disclosed in writing to

the City Council within one week of execution.

~~(3) — Officers identified in subsections 2(c), (d), (e), and (f) are not eligible for severance and may not enter into written agreements establishing a severance agreement.~~ no such agreement

(5) —

— The Council may authorize an exception to the requirements of subsection 2 upon written request of the Mayor.

~~(6) shall be effective unless in writing and attested by the City Recorder and (b) no severance payment shall exceed three months pay without express approval by the City Council.~~

~~(4)~~ Nothing in this section or Section 6-5-4 of the Revised Ordinances of Sandy City may be construed to limit the City's ability to define cause for an employee termination or reduction in force either by general policy or through written directives to individual employees. ~~(Ord17-06, Amended 2/7/2017)~~

6-5-3. Appointed Officers and Employees.

- (1) Except as provided in Subsection (2) below, each employee of the City shall hold employment without limitation of time, being subject to discharge, suspension of over two days without pay, or involuntary transfer to a position with less remuneration only as provided in Section 6-5-4 of the Revised Ordinances of Sandy City.
- (2) Subsection (1) does not apply to the following officers and employees of the City:
 - (a) Category 1 Appointed Officers which include those in the positions of: deputy to the Mayor, City Council executive director, senior advisor to the Mayor, Mayor's office manager, police chief, fire chief, deputy fire chief, deputy police chief, chief administrative officer, city attorney, public utilities director, public works director, community development director, finance and information technology director, economic development director, parks and recreation director, assistant chief administrative officers, deputy city attorney, city engineer, deputy finance and information technology director, assistant public works director, assistant parks and recreation director, justice court judge, assistant community development director, city treasurer, city recorder, and other Category 1 Appointed Officers as stated annually in the staffing and compensation plan approved by the City Council in the annual budget;
 - (b) Category 2 Appointed Officers which include those in the positions of: police captain, city prosecutor, human resources director, risk manager/fund counsel, information technology director, public utilities operations manager, public utilities engineering manager, and other Category 2 Appointed Officers as stated annually in the staffing and compensation plan approved by the City Council in the annual budget;
 - (c) Category 3 Appointed Officers which include those who have been hired under formal written agreement for specific terms based on temporary and exceptional workload demands or because funding is based upon grants or other identified revenues of limited duration;
 - (d) probationary, part-time, and seasonal employees as defined by City policy;
 - (e) elected officials; and
 - (f) such other officers which may be classified as appointed officers from time to time by the Mayor or other person or body exercising executive power in the City.
- (3) The Mayor, at his sole discretion for Executive branch employees, may enter into written agreements at the time of hire with officers and employees specified in subsection (2)(a) and 2(b) establishing a severance payment or allowing for their return to a prior position of employment provided that (a) no such agreement shall be effective unless in writing and attested by the City Recorder, (b) no severance payment shall exceed three months pay without express approval by the City Council, (c) the officer or employee has at least one year of full-time employment with Sandy City and (d) officers or employees with less than one-year employment with Sandy City may not exceed 25% of the pay earned for each week of employment during the first year of employment.
- (4) All severance agreements authorized by the Mayor must be disclosed in writing to the City Council within one week of execution.
- (5) Officers identified in subsections 2(c), (d), (e), and (f) are not eligible for

Exhibit A

severance and may not enter into written agreements establishing a severance agreement.

- (6) The Council may authorize an exception to the requirements of subsection 2 upon written request of the Mayor.
- (7) Nothing in this section or Section 6-5-4 of the Revised Ordinances of Sandy City may be construed to limit the City's ability to define cause for an employee termination or reduction in force either by general policy or through written directives to individual employees.

ORDINANCE 19-18

AN ORDINANCE AMENDING SECTION 22-1-7 OF THE REVISED ORDINANCES OF SANDY CITY RELATING TO THE “STAFF AND SUPPORT PERSONNEL”, TITLE 22, “LEGISLATIVE CODE”; ALSO PROVIDING A SAVING CLAUSE FOR THE ORDINANCE AND AN EFFECTIVE DATE.

WHEREAS, it is necessary to amend Section 22-1-7 of the Revised Ordinances of Sandy City relating to the “Staff and Support Personnel”, Title 22, “Legislative Code” of the Revised Ordinances of Sandy City; and

WHEREAS, Section 10-8-84, Utah Code Annotated, authorizes such amendment in order to protect the public health, safety and welfare of the City;

NOW, THEREFORE, BE IT ORDAINED by the City Council of Sandy City as follows:

Section 1. Section 22-1-7 of the Revised Ordinances of Sandy City is hereby amended as set forth in **Exhibit A** which is attached to and incorporated in this ordinance.

Section 2. All former ordinances or parts thereof conflicting or inconsistent with the provisions of this ordinance or of the Code hereby adopted are hereby repealed.

Section 3. The provisions of this ordinance shall be severable; and if any provision thereof, or the application of such provision under any circumstances is held invalid, it shall not affect any other provision of this ordinance, or the application in a different circumstance.

Section 4. This ordinance shall become effective upon the later of publication of a summary thereof or sixty days.

PASSED AND APPROVED by the Sandy City Council this ____ day of _____, 2019.

Chris McCandless, Sandy City Council

PRESENTED to the Mayor this ____ day of _____, 2019.

APPROVED by the Mayor this ____ day of _____, 2019.

Kurt Bradburn, Mayor

ATTEST:

City Recorder

RECORDED this ____ day of _____, 2019.

SUMMARY PUBLISHED this ____ day of _____, 2019.

Exhibit A

22-1-7. Staff and Support Personnel.

- (1) Subject to the limitations and requirements of applicable budget appropriations, the City Council may appoint and remove such assistants and support staff as may be necessary to perform such functions and duties as may be assigned to them by the City Council.
- (2) The City Council at its sole discretion for Legislative branch employees may enter into written agreements at time of hire with its appointed support staff establishing a severance payment or allowing for their return to a prior position of employment provided that (a) no such agreement shall be effective unless in writing and attested by the City Recorder, (b) no severance payment shall exceed three months pay without express approval by the City Council, (c) the officer or employee has at least one year of full-time employment with Sandy City and (d) officers or employees with less than one-year employment with Sandy City may not exceed 25% of the pay earned for each week of employment during the first year of employment.
- (3) All severance agreements authorized by the City Council must be disclosed in writing to the Human Resources Department within one week of execution.
- (4) Nothing in this section may be construed to limit the City's ability to define cause for an employee termination or reduction in force either by general policy or through written directives to individual employees.

Exhibit A

22-1-7. Staff and Support Personnel.

- (1) Subject to the limitations and requirements of applicable budget appropriations, the City Council may appoint and remove such assistants and support staff as may be necessary to perform such functions and duties as may be assigned to them by the City Council.
- (2) The City Council at its sole discretion for Legislative branch employees may enter into written agreements at time of hire with its appointed support staff establishing a severance payment or allowing for their return to a prior position of employment provided that (a) no such agreement shall be effective unless in writing and attested by the City Recorder, (b) no severance payment shall exceed three months pay without express approval by the City Council, (c) the officer or employee has at least one year of full-time employment with Sandy City and (d) officers or employees with less than one-year employment with Sandy City may not exceed 25% of the pay earned for each week of employment during the first year of employment.
- (3) All severance agreements authorized by the City Council must be disclosed in writing to the Human Resources Department within one week of execution.
- (4) Nothing in this section may be construed to limit the City's ability to define cause for an employee termination or reduction in force either by general policy or through written directives to individual employees.



Staff Report

File #: 19-252, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Council Member Nicholl recommending that the Council consider adding an additional budget proposal to the truth in taxation hearing

Presenter: Council Member Nicholl

Description/Background:

Using the tentative budget as a starting point this proposal recommends a 12% property tax increase, down from the 34% increase currently being considered. The significant areas of change from both the Mayor's tentative budget and the 34% proposal include:

Ongoing:

1. Removal of the Dev. Ops. Engineer position in IT, resulting in general fund savings in the IT, Risk, and Fleet funds
2. Reduction of all vehicle allowances
3. Reduction in some travel appropriations for the Administration
4. Reduction in some professional services appropriations for Administrative Services
5. Reduction in the number of new Police Officers from 7 to 2 (adding 7 new officers would increase the total vacancies in the PD from 12 to 19)
6. Reduction in the number of new Fire Fighters from 7 to 3 (adding 7 new fire fighters would increase the total vacancies in the FD from 6 to 13)
7. Removal of the tier II retirement contributions for public safety personnel
8. Removal of additional appropriations for paramedic training for the Fire Department
9. Removal of the new Public Works Street Maintenance Worker
10. Removal of the new Parks and Rec. Trails Crew Leader and associated supplies
11. Removal of Professional Peer Review Services for the Community Development Department
12. Moving the Community Development Zoning Technician from an ongoing position back to a half time position funded year to year
13. Removal of additional general fund transfer to the Arts Guild for plays and musicals (Fund 2600 Community Arts will receive \$352,319 in the Mayor's tentative budget)

One Time:

1. Reduction in the appropriations for equipment for 7 new police officers and 7 new fire fighters.
2. Removal of the fire van
3. Removal of the joint Public Works/Parks and Rec. John Deere Backhoe
4. Removal of the Public Works 10 wheel dump and plow
5. Removal of the Parks and Rec. Ford F250
6. Increase in the appropriations for fiber optic to Station 32/Alta Canyon back to the requested

amount

Recommended Action and/or Suggested Motion:

Motion directing staff to include the attached proposal as an alternative option in the truth in taxation hearing on August 13th

EXHIBIT A

Newly Proposed Property Tax (12%)- \$ 1,108,607

Unappropriated - \$ 10,672

Ongoing Expenses - \$ 1,087,944

- **General Items**

- (108,440) - IT, Telephone, Fleet, and Risk Savings from the removal of the Dev. Ops. Engineer IT position
 - * *This savings is realized from a combination of the removal of the Dev. Ops. Engineer position in IT, and a reduction in Risk costs. These total savings are an aggregate of those from all general fund departments.*
- (88,181) - Reduction of all vehicle allowances
 - * *This savings is realized from a 60% reduction in all vehicle allowances, across every fund. While \$88,181 is realized in the general fund, and additional \$19,320 is realized across other funds. The savings must be reallocated in the funds from which they were realized.*

- **Administration**

- (26,680) - Pay and benefit reductions for Mayor, Deputy Mayor, and CAO
- (4,000) - Reduction in Travel for CAO

- **City Council**

- (13,147) - Pay and benefit reductions for City Council Members

- **Administrative Services**

- 6,672 - Utility Billing Team Lead (Reclassification)
- 66,720 - Facilities Technician I/II (New)
- 20,000 - Custodial Tier I \$1.50 per hour pay increase
- (7,000) - Reduction in professional services for finance services

- **Non-Departmental**

- 66,606 - Adjustment to cover revenue shortages from sunseting City Center RDA

- **Police**

- 8,600 - Part time Victim Advocate to Full Time
- 10,000 - Animal Services CHIP

** The PD is currently operating with 12 sworn vacancies and an average of 11 vacancies over the past 6 months. The tentative budget includes 2 Park Officers which will raise the total vacancies to 14. Any other additional officers will only add to the total number of vacancies.*

- **Fire**

- 213,850 - three new Firefighter/Paramedics
 - * *The FD is currently operating with 6 sworn vacancies and an average of 5.5 vacancies over the past 6 months. This proposal adds three new Firefighters and will increase the total vacancies to 9. Any additional fire fighters will only add to the total number of vacancies.*

- **Public Works**

- **Parks and Recreation**

- 44,036 - Seasonal workers hourly pay increase

- **Community Development**

- **Transfers Out**

- (160,330) - Transfer to General Fund Balance to keep reserves at 11.5%
- 1,059,238 - Transfer to Street Lighting Fund to cover the elimination of the street light fee (\$2.98 per month)

One-Time Expenses - \$ 9,991

- **City Council**

- (11,009) - Council Intern (removed)

- **Police**

- **Fire**

- 16,500 - Uniforms and equipment for new Firefighters
- 4,500 - Training for new Firefighters

- **Public Works**

- **Parks and Recreation**

- **Community Development**

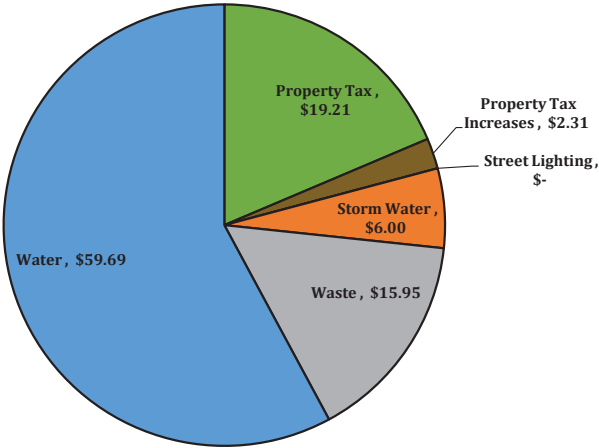
- **Information Technology**

Assumptions	
Property Value	\$403,000
Certified Tax Rate	0.001040
Current Prop. Tax Rev.	\$9,238,394
Expected Growth	2%

Property Tax Increase	
FY 2020	12.00%
FY 2021	0%
FY 2022	0%
FY 2023	0%
FY 2024	0%

Water Utility Assumptions	
Meter Size (in)	0.75
City/County Rate	City
Gallons	20,000

FY 2024: Resident Monthly Cost Projection



Monthly Charges Breakdown	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Monthly Property Tax						
Current Rate	\$ 17.42	\$ 19.21	\$ 21.51	\$ 21.51	\$ 21.51	\$ 21.51
% Increase Value	-	2.31	-	-	-	-
Total Property Tax	\$ 17.42	\$ 21.51	\$ 21.51	\$ 21.51	\$ 21.51	\$ 21.51
Monthly Utility Billing						
Street Lighting	\$ 2.98	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Increase	-	(2.98)	-	-	-	-
Storm Water	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00
Projected Increase	-	-	-	-	-	-
Waste	\$ 14.45	\$ 15.95	\$ 15.95	\$ 15.95	\$ 15.95	\$ 15.95
Projected Increase	-	1.50	-	-	-	-
Water	\$ 59.69	\$ 59.69	\$ 59.69	\$ 59.69	\$ 59.69	\$ 59.69
Projected Increase	-	-	-	-	-	-
Percentage Increase	-	0%	0%	0%	0%	0%

Resident Monthly Cost Projection	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Property Tax						
Current Rate	\$ 17.42	\$ 19.21	\$ 21.51	\$ 21.51	\$ 21.51	\$ 21.51
% Increase Value	-	2.31	-	-	-	-
Utility Bills	83.12	81.64	81.64	81.64	81.64	81.64
Estimated Monthly Total	\$ 100.54	\$ 103.15	\$ 103.15	\$ 103.15	\$ 103.15	\$ 103.15

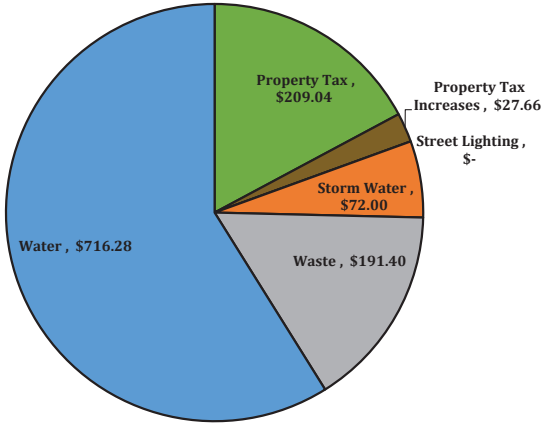
General Fund Revenue Projections	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Property Tax Base	\$ 8,675,289	\$ 9,238,394	\$ 10,347,001	\$ 10,553,941	\$ 10,765,020	\$ 10,980,321
Projected New Growth	-	-	203,140	207,279	211,500	215,806
Expiring RDAs	-	-	-	-	-	-
Tax Increase	-	1,108,607.28	-	-	-	-
Annexations	-	-	3,800	3,800	3,800	3,800
Projected Total Revenues	\$ 8,675,289	\$ 10,347,001	\$ 10,553,941	\$ 10,765,020	\$ 10,980,321	\$ 11,199,927

Assumptions	
Property Value	\$403,000
Certified Tax Rate	0.001040
Current Tax Revenue	\$9,238,394
Expected Growht	2%

Revenue Generated	
FY 2020	12%
FY 2021	0%
FY 2022	0%
FY 2023	0%
FY 2024	0%

Utility Assumptions	
Meter Size (in)	0.75
City/County Rate	City
Gallons	20,000

FY 2024: Resident Annual Cost Projection



Charges Breakdown	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Monthly Property Tax						
Current Rate	\$ 209.04	\$ 230.52	\$ 258.18	\$ 258.18	\$ 258.18	\$ 258.18
% Increase Value	-	27.66	-	-	-	-
Total Property Tax	\$ 209.04	\$ 258.18	\$ 258.18	\$ 258.18	\$ 258.18	\$ 258.18
Monthly Utility Billing						
Street Lighting	\$ 35.76	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Increase	-	(35.76)	-	-	-	-
Storm Water	\$ 72.00	\$ 72.00	\$ 72.00	\$ 72.00	\$ 72.00	\$ 72.00
Projected Increase	-	-	-	-	-	-
Waste	\$ 173.40	\$ 191.40	\$ 191.40	\$ 191.40	\$ 191.40	\$ 191.40
Projected Increase	-	18.00	-	-	-	-
Water	\$ 716.28	\$ 716.28	\$ 716.28	\$ 716.28	\$ 716.28	\$ 716.28
Projected Increase	-	-	-	-	-	-
Percentage Increase	-	0%	0%	0%	0%	0%

Total Charges	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Property Tax						
Current Rate	\$ 209.04	\$ 230.52	\$ 258.18	\$ 258.18	\$ 258.18	\$ 258.18
% Increase Value	-	27.66	-	-	-	-
Utility Bills	\$ 997.44	\$ 979.68	\$ 979.68	\$ 979.68	\$ 979.68	\$ 979.68
Estimated Annual Total	\$ 1,206.48	\$ 1,237.86	\$ 1,237.86	\$ 1,237.86	\$ 1,237.86	\$ 1,237.86

General Fund Revenue Projections	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Tax Base	\$ 8,675,289	\$ 9,238,394	\$ 10,347,001	\$ 10,553,941	\$ 10,765,020	\$ 10,980,321
Projected New Growth	-	-	203,140	207,279	211,500	215,806
Expiring RDAs	-	-	-	-	-	-
Tax Increase	-	1,108,607	-	-	-	-
Annexations	-	-	3,800	3,800	3,800	3,800
Projected Total Revenues	\$ 8,675,289	\$ 10,347,001	\$ 10,553,941	\$ 10,765,020	\$ 10,980,321	\$ 11,199,927

Sandy City FY 2020 Budget

Unappropriated Revenue:

\$ 10,672

GENERAL FUND - DETAIL OF ONGOING COSTS	Requested	Approved
--	-----------	----------

General Items

General Compensation Plan	\$ 1,471,368	\$ 1,471,368	
IT Charges - General Fund, Sandy Arts Guild, and Recreation	535,429	358,812	Modified from Tentative
Telephone Charges - Gen. Fund, Sandy Arts Guild, and Recreation	(36,513)	(39,002)	Modified from Tentative
Risk Charges - General Fund and Rec Fund	76,991	74,425	Modified from Tentative
Fleet O&M Charges - General Fund and Rec Fund	246,061	182,831	Modified from Tentative
Funding for Fleet Replacements in General Fund Departments	800,000	-	
Potential Debt Service for Facilities Improvements (See Note)	2,625,000	-	
Total Amount to Fund Balance (11.5% of Revenues)	126,017	(34,313)	11.5% to Fund Balance Automatically Updated
Vehicle Allowances Reduction of 60%		(88,181)	Modified from Tentative
Street Light Funding	-	1,059,238	Modified from Tentative
Property Tax Adjustment	-	66,606	Modified from Tentative
Total General Items	\$ 5,844,353	\$ 3,051,784	

Administration

Office Manager Reclassification (Mayor/CAO)	\$ 5,542	\$ 5,542	
Cost Savings from FTE Reduction	(119,965)	(119,965)	
Satellite Phone Access (Emergency Management)	1,000	1,000	
Books, Sub. & Memberships (Communications)	1,000	1,000	
Videographer/Photographer (New Communications Position)	62,517	-	
Mileage Reimbursement (Emergency Management)	250	-	
Employee Training (Communications)	250	-	
Vision Website Software	(15,000)	-	
Part-time Communications Specialist	35,000	-	
Citywide Leadership Training	30,000	-	
Value Engineer/Continuous Quality Improvement Position	112,250	-	
Pay and Benefit Adjustments	-	(26,680)	Modified from Tentative
Travel Reduction (CAO)	-	(4,000)	Modified from Tentative
Total Administration	\$ 112,844	\$ (143,103)	

City Council

Pay and Benefit Adjustments	\$ -	\$ (13,147)	Modified from Tentative
	-	-	
	-	-	
Total City Attorney	\$ -	\$ (13,147)	

City Attorney

Paralegal I to Paralegal II (Reclassification)	\$ 7,172	\$ 7,172	
PT Passport Agent	16,152	16,152	
Senior Attorney (Reclassification)	N/A	-	
Entry Level Attorney	93,800	-	

		-	-
		-	-
Total City Attorney		\$ 117,124	\$ 23,324
Justice Court			
JC Clerk Supervisors Reorg.	\$	(21,123)	\$ (21,123)
JC Clerk (Reclassification)		N/A	Approved
Credit Card Processing		5,000	5,000
Professional Services		2,000	2,000
Miscellaneous Services		500	500
		-	-
		-	-
Total Justice Court		\$ (13,623)	\$ (13,623)
Administrative Services			
15 hrs/wk increase to AP Specialist to help HR	\$	38,222	\$ 38,222
10 hrs/wk increase to Purchasing Asst.		17,057	17,057
Facilities Project Coordinator (Reclassification)		7,121	7,121
Utility Billing Team Lead (Reclassification)		7,000	6,672 Modified from Tentative
Professional Services (Drug Testing)		20,000	5,000
Facilities Technician I/II (New)		70,000	66,720 Modified from Tentative
HR Specialist (New Position)		64,300	-
Custodian Seasonal		10,000	-
Custodian (New)		50,000	-
Employers Council Membership		5,800	-
Cell Phone Allowance		240	-
Wellness Program		20,000	-
Lock Box Check Processing Services		30,000	-
Custodial Tier I Increases		-	20,000 Modified from Tentative
Professional Services (Finance Services) Reduction		-	(7,000) Modified from Tentative
Total Administrative Services		\$ 339,740	\$ 153,792
Non-Departmental			
Homeless Shelter Funding (Reduction in Sales Tax Revenue)	\$	(200,000)	\$ (200,000)
Codification		6,800	6,800
Employee Survey		10,000	-
Tuition Reimbursement		10,000	-
		-	-
		-	-
Total Non-Departmental		\$ (173,200)	\$ (193,200)
Police & Animal Services			
Tier II Ret. (add. 7.58% 401k contribution - Total 10.58%)	\$	205,834	\$ -
Park Police Officers (2)		156,858	156,858
Police Officers (5)		392,145	-

CSO/Forensic Specialist to PO/Forensic Specialist	5,464	5,463	
Dispatch Services	40,000	40,000	
Animal Services Training	3,000	3,000	
Animal Services Officer	64,292	-	
Ammunition	26,000	13,000	
PT Victim Advocate to Full Time	18,065	8,600	Modified from Tentative
PT Evidence Technician to Full Time	18,065	-	
CSO to Police Officer Promotions (2)	10,927	-	
Animal Services CHIP	-	10,000	Modified from Tentative
	-	-	
Total Police & Animal Services	\$ 940,650	\$ 236,921	

Fire

Step and Grade Adjustments	\$ 190,000	\$ 190,000	
Fire Prevention/Education Specialist (Reclassification)	4,893	4,893	
Fire Prevention/Education Asst. (Reclassification)	4,090	4,090	
Executive Secretary (Reclassification)	N/A	-	
Tier II Retirement (additional 7% 401k contribution)	102,928	-	
FTE Firefighter/Paramedics (7 New)	498,985	213,850	Modified from Tentative
Paramedic Training	42,500	-	
Uniforms	25,000	-	
Target Solutions (Training Platform)	7,300	-	
	-	-	
	-	-	
Total Fire	\$ 875,696	\$ 412,833	

Public Works

Street Maint. Worker I/II (Reclassification)	N/A	\$ -	
Street Maint. Worker I/II (2 New)	124,162	-	
Maint. Crew Leader (Reclassification)	N/A	-	
Concrete Coordinator (Reclassification)	4,881	4,881	
Information Specialist (Reclassification)	N/A	-	
Transportation Technician I/II (Reclassification)	N/A	-	
Transportation Supervisor (Reclassification)	5,057	5,057	
Street Operations Supervisors (Reclassification)	11,341	11,341	
City Engineer (Reclassification)	6,405	6,405	
City Surveyor (Reclassification)	N/A	-	
Transportation Engineer (Reclassification)	N/A	-	
GIS/CityWorks Coordinator (Reclassification)	N/A	-	
Overtime/Gap Increase (Including Benefits) - PW Support	23,287	-	
On-Call Pay - PW Support	N/A	-	
Snow Removal	13,000	13,000	
Overtime/Gap Increase (Including Benefits) - Transportation	2,311	-	
Overtime/Gap Pay Increase - Engineering	18,857	-	
On-Call Pay - Engineering	N/A	-	

		-	-
		-	-
Total Public Works	\$	209,301	\$ 40,684

Parks & Recreation

Trails Crew Leader (New)	\$	62,708	\$	-	
Uniform & Safety Supplies - Trails Position		5,160		-	
Crew Leader to Park Irrigation Supervisor		5,946		5,946	
Parks Supervisors & Forester (Reclassification)		30,080		30,080	
Seasonal Pay Increase (\$1.00 Increase)		44,036		44,036	Modified from Tentative
Irrigation O&M		8,200		-	
Fourth of July		6,000		-	
Balloon Festival		5,000		-	
Trunk or Treat		1,300		-	
Professional Services		4,000		-	
Cell Phone Allowance		4,000		-	
Ninja Warrior Event		1,000		-	
Bike Day		1,000		-	
Fishing Day		1,000		-	
New Events		4,000		-	
On-Call Pay		N/A		-	
Uniform & Safety Supplies - Parks Seasonal Crew		3,340		-	
Parks Seasonal Crew		13,766		-	
Overtime/Gap		7,500		-	
		-		-	
		-		-	
Total Parks & Recreation	\$	208,036	\$	80,062	

Community Development

Professional Building Inspector Reclassifications (4)	\$	21,406	\$	21,406	
Building Inspector I Reclassification		4,664		4,664	
Executive Secretary Reclassification		N/A		-	
Senior Planner (Reclassification)		6,206		6,206	
Professional Training/Certification - Building		474		474	
Professional Training/Certification - Planning		667		667	
Mobile Smart Phones		2,000		2,000	
Planning Commission Meetings		3,000		1,500	
Adobe Licenses		1,500		1,500	
Professional Peer Review		20,000		-	
Computer Equipment		2,100		-	
Zoning Technician		-		-	
		-		-	
Total Community Development	\$	62,017	\$	38,417	

Transfers Out

Transfer to Sandy Arts Guild - Plays/Musicals	\$	16,300	\$	-
Transfer to Sandy Arts Guild - Printing		4,000		-
Transfer to Sandy Arts Guild - Books & Subscriptions (Arts Guild)		800		-
Transfer to Sandy Art Guild for Community Arts Producer 40hrs/wk		13,336		13,336
Transfer to Sandy Art Guild - Balancing Adjustment		-		(33,360)
Transfer to Sandy Amphitheater- Books & Subscriptions (IAVM)		2,300		-
Transfer to Sandy Amphitheater- Travel (IAVM)		3,000		-
		-		-
		-		-
Total Transfers Out	\$	39,736	\$	(20,024)

Grand Total - General Fund	\$	8,562,674	\$	3,654,720
-----------------------------------	-----------	------------------	-----------	------------------

Preliminary Revenue for Ongoing Appropriations	\$	2,566,776
Additional Revenue for Ongoing Appropriations		1,108,607
Total Available	\$	3,675,383

Available for One-Time/Capital Projects	\$	20,663
---	-----------	---------------

Sandy City FY 2020 Budget

Unappropriated Revenue:

\$ 10,672

GENERAL FUND - DETAIL OF ONE-TIME COSTS	Requested	Approved
---	-----------	----------

Administration

Emergency Management Improvements	\$ 25,000	\$ 25,000
Sustainability Grants for Citizens	25,000	25,000
Website Platform Implementation	40,000	-
Employee 48hr Emergency Packs	30,000	-
Employee Emergency Preparedness Notebooks	15,000	-
TV/Monitors for EOC (2)	2,000	-
Copier/Scanner for EOC	500	-
	-	-
	-	-
Total Mayor	\$ 137,500	\$ 50,000

City Council

Public Admin. Intern	\$ 11,009	\$ -	Modified from Tentative
	-	-	
	-	-	
Total Council Executive Staff	\$ 11,009	\$ -	

City Attorney

Election services	\$ 213,255	\$ 213,255
Software Licenses	8,500	-
Computer (City Prosecutor)	1,000	-
Scanners (3)	900	-
	-	-
	-	-
Total City Attorney	\$ 223,655	\$ 213,255

Police

Ford SUV Police Cruiser - based on FTE approval	\$ 47,000	\$ -
Ford SUV Police Cruiser - based on FTE approval	47,000	-
Ford SUV Police Cruiser - based on FTE approval	47,000	-
Ford SUV Police Cruiser - based on FTE approval	47,000	-
Ford SUV Police Cruiser - based on FTE approval	47,000	-
Equipment for New Police Officers (5)	75,000	-
	-	-
	-	-
Total Police	\$ 310,000	\$ -

Fire

Uniforms/PPE for New Firefighters	\$	38,500	\$	16,500	Modified from Tentative
Training for New Firefighters		10,500		4,500	Modified from Tentative
Fire Department Van		-		-	
		-		-	
Total Fire	\$	49,000	\$	21,000	

Public Works

John Deere 310 Backhoe PW	\$	105,000	\$	-	
10 Wheel Dump w/plow - based on FTE approval		237,500		-	
10 Wheel Dump w/plow - based on FTE approval		237,500		-	
		-		-	
		-		-	
Total Fleet	\$	580,000	\$	-	

Parks & Recreation

Ford F-250 Ex Cab Utility	\$	48,500	\$	-	
Ford F-250 Ex Cab Utility		48,500		-	
John Deere 310 Backhoe Parks		105,000		-	
F150 for Recreation		37,000		-	
Department Display Screens (4)		6,000		-	
		-		-	
		-		-	
Total Parks & Rec Administration	\$	245,000	\$	-	

Community Development

Zoning Technician	\$	46,872	\$	28,274	
Computer Equipment		21,000		-	
Short-Term Rental Software (Bear Cloud)		26,000		26,000	
		-		-	
		-		-	
Total Community Development Administration	\$	93,872	\$	54,274	

Information Technology

Fiber Optic - Station 32/Alta Canyon	\$	95,000	\$	95,000	
Fiber Optic - Station 34		71,500		71,500	
Fiber Optic - Station 35		76,000		-	
Fiber Optic - Parks Maintenance		45,000		-	
Fiber Optic - Station 33		213,000		-	
		-		-	
		-		-	
Total Information Technology	\$	500,500	\$	166,500	

Grand Total - General Fund	\$	2,150,536	\$	505,029
-----------------------------------	-----------	------------------	-----------	----------------

Preliminary Revenue for One-Time Appropriations	\$	757,346
Additional Revenue for One-Time Appropriations		20,663
Total Revenue Available for Appropriation	\$	778,009

Available for Capital Projects	\$	272,980
--------------------------------	-----------	----------------

Sandy City FY 2020 Budget

Unappropriated Revenue:

DETAIL OF CAPITAL PROJECT - GENERAL REVENUE

Requested

Approved

\$

10,672

Facilities

Municipal Building	\$	450,000	\$	250,000
		-		-
		-		-
Total Buildings	\$	450,000	\$	250,000

Public Works

Public Works Facility Rebuild	\$	19,035,000	\$	-
Hazardous Concrete Repair		695,820		691,599
9270 South Improvements - Matching Funds		201,679		201,679
Transportation Master Plan		155,000		155,000
Bridge Projects		250,000		-
Electronic Traffic Control Devices		100,000		-
7800 South Improvements		360,000		-
10000 South Pedestrian Improvements		60,000		-
		-		-
		-		-
Total Public Works	\$	20,857,499	\$	1,048,278

Parks

Alta Canyon Sports Center Building	\$	12,000,000	\$	-
Streetscape/Wall Replacements - Community Projects IE. Sandy Pride		150,000		150,000
Flat Iron Playground Replacement		35,000		35,000
Tennis Court Reconstruction		140,000		140,000
Tot Lot Replacement Falcon Park		175,000		175,000
Irrigation Water Connections / Backflow Replacements		30,000		30,000
Asphalt Repairs		50,000		50,000
Computerized Irrigation Technology		25,000		25,000
Parks & Trail Renovation Project		50,000		-
Main Street Park		300,000		-
Memorials		125,000		-
Parks and Recreation Building		6,000,000		-
		-		-
		-		-
Total Parks	\$	19,080,000	\$	605,000

Grand Total - Capital Projects - General Revenue	\$	40,387,499	\$	1,903,278
---	-----------	-------------------	-----------	------------------

Available for Capital Projects	\$	1,640,970
Additional Revenue for Capital Projects		272,980
Total Available	\$	1,913,950

Total Funds Remaining	\$	10,672
-----------------------	-----------	---------------

Detail Budget Adjustments

	2020 Tentative	Change	Adjusted 2020	Savings
General Fund				
Department 1100 Mayor				
411111 Regular Pay	\$ 447,694	\$ (16,880)	\$ 430,814	\$ 16,880
411211 Variable Benefits	\$ 100,040	\$ (3,732)	\$ 96,308	\$ 3,732
411310 Vehicle Allowance	\$ 11,832	\$ (7,099)	\$ 4,733	\$ 7,099
414164 IT Charges	\$ 45,175	\$ (3,623)	\$ 41,552	\$ 3,623
412611 Telephone	\$ 2,423	\$ 24	\$ 2,447	\$ (24)
Department 1200 CAO				
411111 Regular Pay	\$ 350,136	\$ (4,947)	\$ 345,189	\$ 4,947
411211 Variable Benefits	\$ 78,339	\$ (1,121)	\$ 77,218	\$ 1,121
411310 Vehicle Allowance	\$ 17,748	\$ (10,649)	\$ 7,099	\$ 10,649
412310 Travel	\$ 8,000	\$ (4,000)	\$ 4,000	\$ 4,000
414164 IT Charges	\$ 42,365	\$ (1,121)	\$ 41,244	\$ 1,121
412611 Telephone	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
414161 Fleet O&M	\$ 3,496	\$ (10)	\$ 3,486	\$ 10
Department 1230 Communications				
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140
413790 Professional Services	\$ 10,000	\$ (10,000)	\$ -	\$ 10,000
414164 IT Charges	\$ 14,923	\$ (1,255)	\$ 13,668	\$ 1,255
412611 Telephone	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
Department 1220 Emergency Management				
414164 IT Charges	\$ 12,905	\$ (94)	\$ 12,811	\$ 94
412611 Telephone	\$ 12,459	\$ 122	\$ 12,581	\$ (122)
Department 1300 City Council				
411111 Regular Pay	\$ 195,103	\$ (11,203)	\$ 183,900	\$ 11,203
411211 Variable Benefits	\$ 33,930	\$ (1,944)	\$ 31,986	\$ 1,944
Department 1310 Council Executive Staff				
411310 Vehicle Allowance	\$ 5,916	\$ (3,550)	\$ 2,366	\$ 3,550
411121 Seasonal/PTNB (Intern)	\$ 10,000	\$ (10,000)	\$ -	\$ 10,000
411211 Variable Benefits (Intern)	\$ 63,976	\$ (1,009)	\$ 62,967	\$ 1,009
414164 IT Charges	\$ 53,318	\$ (375)	\$ 52,943	\$ 375
412611 Telephone	\$ 4,153	\$ 41	\$ 4,194	\$ (41)
Department 1400 City Attorney				
411310 Vehicle Allowance	\$ 11,148	\$ (6,689)	\$ 4,459	\$ 6,689
413790 Professional Services	\$ 16,995	\$ (16,995)	\$ -	\$ 16,995
414164 IT Charges	\$ 60,856	\$ (4,670)	\$ 56,186	\$ 4,670
412611 Telephone	\$ 9,345	\$ 92	\$ 9,437	\$ (92)
Department 1420 City Recorder				
414164 IT Charges	\$ 21,275	\$ (1,670)	\$ 19,605	\$ 1,670
412611 Telephone	\$ 2,768	\$ 27	\$ 2,795	\$ (27)
Department 1500 Court Services				
414164 IT Charges	\$ 97,493	\$ (9,888)	\$ 87,605	\$ 9,888
412611 Telephone	\$ 19,382	\$ 190	\$ 19,572	\$ (190)

Detail Budget Adjustments

Department 1710 Administrative Services				
411310 Vehicle Allowance	\$ 5,916	\$ (3,550)	\$ 2,366	\$ 3,550
414164 IT Charges	\$ 24,931	\$ (1,181)	\$ 23,750	\$ 1,181
412611 Telephone	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
Department 1720 Finance Services				
413790 Professional Services	\$ 7,000	\$ (7,000)	\$ -	\$ 7,000
414164 IT Charges	\$ 156,765	\$ (5,360)	\$ 151,405	\$ 5,360
412611 Telephone	\$ 13,152	\$ 129	\$ 13,281	\$ (129)
Department 1730 Budget Services				
414164 IT Charges	\$ 36,468	\$ (1,796)	\$ 34,672	\$ 1,796
412611 Telephone	\$ 2,766	\$ 27	\$ 2,793	\$ (27)
Department 1740 Human Resources				
414164 IT Charges	\$ 49,034	\$ (4,180)	\$ 44,854	\$ 4,180
412611 Telephone	\$ 4,846	\$ 47	\$ 4,893	\$ (47)
Department 1750 Facilities services				
411310 Vehicle Allowance	\$ 3,470	\$ (2,082)	\$ 1,388	\$ 2,082
414164 IT Charges	\$ 27,922	\$ (2,326)	\$ 25,596	\$ 2,326
412611 Telephone	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
4141611 Fleet O&M	\$ 5,376	\$ (15)	\$ 5,361	\$ 15
Department 1900 Non-Departmental				
414164 IT Charges	\$ 2,854	\$ (148)	\$ 2,706	\$ 148
412611 Telephone	\$ 346	\$ 3	\$ 349	\$ (3)
414165 Risk Management Charges	\$ 361,413	\$ (2,540)	\$ 358,873	\$ 2,540
Transfer to Recreation for Internal Services	\$ 60,925	\$ (3,606)	\$ 57,319	\$ 3,606
Transfer to Comm. Arts for Internal Services	\$ 21,614	\$ (3,503)	\$ 18,111	\$ 3,503
Department 2110 Police				
414164 IT Charges	\$ 487,108	\$ (19,644)	\$ 467,464	\$ 19,644
412611 Telephone	\$ 124,763	\$ 615	\$ 125,378	\$ (615)
4141611 Fleet O&M	\$ 547,580	\$ (1,564)	\$ 546,016	\$ 1,564
Department 2120 Animal Services				
414164 IT Charges	\$ 26,332	\$ (1,758)	\$ 24,574	\$ 1,758
412611 Telephone	\$ 5,538	\$ 54	\$ 5,592	\$ (54)
4141611 Fleet O&M	\$ 17,637	\$ (51)	\$ 17,586	\$ 51
Department 2200 Fire				
411310 Vehicle Allowance	\$ 11,832	\$ (11,832)	\$ -	\$ 11,832
414164 IT Charges	\$ 183,375	\$ (11,416)	\$ 171,959	\$ 11,416
412611 Telephone	\$ 49,112	\$ 251	\$ 49,363	\$ (251)
4141611 Fleet O&M	\$ 321,156	\$ (917)	\$ 320,239	\$ 917
Department 3000 Public Works Administration				
411310 Vehicle Allowance	\$ 5,916	\$ (3,550)	\$ 2,366	\$ 3,550
414164 IT Charges	\$ 63,515	\$ (2,683)	\$ 60,832	\$ 2,683
412611 Telephone	\$ 16,356	\$ 81	\$ 16,437	\$ (81)
Department 3100 Public Works Support				
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140

Detail Budget Adjustments

Department 3200 Streets				
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140
414164 IT Charges	\$ 42,557	\$ (1,173)	\$ 41,384	\$ 1,173
412611 Telephone	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
4141611 Fleet O&M	\$ 626,792	\$ (1,790)	\$ 625,002	\$ 1,790
Department 3300 Engineering				
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140
414164 IT Charges	\$ 39,305	\$ (2,683)	\$ 36,622	\$ 2,683
412611 Telephone	\$ 5,538	\$ 54	\$ 5,592	\$ (54)
4141611 Fleet O&M	\$ 24,022	\$ (69)	\$ 23,953	\$ 69
Department 3400 Transportation				
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140
414164 IT Charges	\$ 8,689	\$ (992)	\$ 7,697	\$ 992
412611 Telephone	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
4141611 Fleet O&M	\$ 12,551	\$ (36)	\$ 12,515	\$ 36
Department 4100 Parks & Recreation Admin				
411310 Vehicle Allowance	\$ 11,116	\$ (6,670)	\$ 4,446	\$ 6,670
414164 IT Charges	\$ 45,543	\$ (693)	\$ 44,850	\$ 693
412611 Telephone	\$ 7,966	\$ 47	\$ 8,013	\$ (47)
Department 4200 Parks & Cemetery				
411310 Vehicle Allowance	\$ 5,200	\$ (3,120)	\$ 2,080	\$ 3,120
414164 IT Charges	\$ 97,988	\$ (5,419)	\$ 92,569	\$ 5,419
412611 Telephone	\$ 27,506	\$ 81	\$ 27,587	\$ (81)
4141611 Fleet O&M	\$ 354,551	\$ (1,012)	\$ 353,539	\$ 1,012
Department 4250 Community Events				
414164 IT Charges	\$ 6,740	\$ (656)	\$ 6,084	\$ 656
412611 Telephone	\$ 692	\$ 7	\$ 699	\$ (7)
Department 4300 Senior Citizens				
4141611 Fleet O&M	\$ 10,021	\$ (28)	\$ 9,993	\$ 28
Department 5000 Community Development Administration				
411310 Vehicle Allowance	\$ 11,169	\$ (6,701)	\$ 4,468	\$ 6,701
414164 IT Charges	\$ 58,420	\$ (589)	\$ 57,831	\$ 589
412611 Telephone	\$ 4,161	\$ 34	\$ 4,195	\$ (34)
4141611 Fleet O&M	\$ 1,179	\$ (3)	\$ 1,176	\$ 3
Department 5100 Planning				
411310 Vehicle Allowance	\$ 3,804	\$ (2,282)	\$ 1,522	\$ 2,282
414164 IT Charges	\$ 64,990	\$ (3,604)	\$ 61,386	\$ 3,604
412611 Telephone	\$ 8,211	\$ 78	\$ 8,289	\$ (78)
4141611 Fleet O&M	\$ 1,692	\$ (5)	\$ 1,687	\$ 5
Department 5200 Building & Safety				
411310 Vehicle Allowance	\$ 7,848	\$ (4,709)	\$ 3,139	\$ 4,709
414164 IT Charges	\$ 97,612	\$ (6,411)	\$ 91,201	\$ 6,411
412611 Telephone	\$ 19,583	\$ 102	\$ 19,685	\$ (102)
4141611 Fleet O&M	\$ 39,521	\$ (113)	\$ 39,408	\$ 113
Internal Service Funds				

Detail Budget Adjustments

Fund 6500 Risk Management				
318282 Risk Management Charges (Revenue)	\$ 737,508	\$ (3,593)	\$ 733,915	\$ (3,593)
318281 Workers Compensation Charges (Revenue)	\$ 339,960	\$ (813)	\$ 339,147	\$ (813)
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140
318261 IT Charges	\$ 14,788	\$ (1,287)	\$ 13,501	\$ 1,287
318262 Telephone Charges	\$ 2,077	\$ 20	\$ 2,097	\$ (20)
Fund 6400 & 6410 IT (Dept. 1724)				
318261 IT Charges (Revenue)	\$ 2,461,872	\$ (130,492)	\$ 2,331,380	\$ (130,492)
318262 Telephone Charges (Revenue)	\$ 295,000	\$ 2,891	\$ 297,891	\$ 2,891
411111 Regular Pay	\$ 991,906	\$ (87,000)	\$ 904,906	\$ 87,000
411211 Variable Benefits	\$ 217,285	\$ (22,450)	\$ 194,835	\$ 22,450
411213 Fixed Benefits	\$ 224,206	\$ (18,136)	\$ 206,070	\$ 18,136
414165 Risk Management Charges	\$ 5,222	\$ (15)	\$ 5,207	\$ 15
Fund 6100 Fleet Operations				
411310 Vehicle Allowance	\$ 5,233	\$ (3,140)	\$ 2,093	\$ 3,140
318271 Fleet O&M Charges (Revenue)	\$ 2,461,052	\$ (7,030)	\$ 2,454,022	\$ (7,030)
318261 IT Charges	\$ 45,340	\$ (3,919)	\$ 41,421	\$ 3,919
318262 Telephone Charges	\$ 5,538	\$ 54	\$ 5,592	\$ (54)
414165 Risk Management Charges	\$ 8,915	\$ (25)	\$ 8,890	\$ 25
Other Funds				
Fund 2111 RDA Civic Center South Increment				
318261 IT Charges	\$ -	\$ (14)	\$ (14)	\$ 14
318262 Telephone Charges	\$ -	\$ 5	\$ 5	\$ (5)
414165 Risk Management Charges	\$ -	\$ (1)	\$ (1)	\$ 1
Move to fund balance		\$ 10	\$ 10	\$ (10)
Fund 2121 RDA Civic Center North Increment				
318261 IT Charges	\$ -	\$ (38)	\$ (38)	\$ 38
318262 Telephone Charges	\$ -	\$ 14	\$ 14	\$ (14)
414165 Risk Management Charges	\$ -	\$ (5)	\$ (5)	\$ 5
Move to fund balance		\$ 29	\$ 29	\$ (29)
Fund 2170 CDA 11400 South				
Move to fund balance		\$ 2	\$ 2	\$ (2)
318261 IT Charges	\$ -	\$ (3)	\$ (3)	\$ 3
318262 Telephone Charges	\$ -	\$ 1	\$ 1	\$ (1)
Fund 2300 CDBG				
318261 IT Charges	\$ -	\$ (154)	\$ (154)	\$ 154
4100 Administration	\$ 53,509	\$ 151	\$ 53,660	\$ (151)
318262 Telephone Charges	\$ -	\$ 3	\$ 3	\$ (3)
Fund 2400 Recreation				
318261 IT Charges	\$ 42,383	\$ (3,618)	\$ 38,765	\$ 3,618
318262 Telephone Charges	\$ 6,146	\$ 47	\$ 6,193	\$ (47)
414165 Risk Management Charges	\$ 9,125	\$ (26)	\$ 9,099	\$ 26
4141610 Fleet O&M	\$ 3,271	\$ (9)	\$ 3,262	\$ 9
Fund 2600 Community Arts (Dept. 1262)				
318261 IT Charges	\$ 25,930	\$ (3,591)	\$ 22,339	\$ 3,591
318262 Telephone Charges	\$ 2,008	\$ 88	\$ 2,096	\$ (88)
Fund 2700 Street Lighting				

Detail Budget Adjustments

318261 IT Charges	\$ 29,124	\$ (904)	\$ 28,220	\$ 904
318262 Telephone Charges	\$ 5,042	\$ 7	\$ 5,049	\$ (7)
414165 Risk Management Charges	\$ 845	\$ (3)	\$ 842	\$ 3
4141610 Fleet O&M	\$ 18,886	\$ (54)	\$ 18,832	\$ 54
53003 Street Light Improvements	\$ 109,266	\$ 954	\$ 110,220	\$ (954)
Fund 2800 Storm Water Operations				
318261 IT Charges	\$ 19,090	\$ (981)	\$ 18,109	\$ 981
318262 Telephone Charges	\$ 9,972	\$ 22	\$ 9,994	\$ (22)
414165 Risk Management Charges	\$ 9,285	\$ (30)	\$ 9,256	\$ 30
28802 Neighborhood Projects	\$ 273,523	\$ 1,411	\$ 274,934	\$ (1,411)
4141610 Fleet O&M	\$ 59,151	\$ (423)	\$ 58,728	\$ 423
Fund 2810 Storm Water Expansion				
431310 Vehicle Allowance	\$ 7,900	\$ (4,740)	\$ 3,160	\$ 4,740
318261 IT Charges	\$ 28,634	\$ (1,471)	\$ 27,163	\$ 1,471
318262 Telephone Charges	\$ 3,323	\$ 33	\$ 3,356	\$ (33)
28802 Neighborhood Projects	\$ 273,523	\$ 6,221	\$ 279,744	\$ (6,221)
414165 Risk Management Charges	\$ 13,927	\$ (43)	\$ 13,885	\$ 43
Fund 5100 Water Operations				
411310 Vehicle Allowance	\$ 16,400	\$ (9,840)	\$ 6,560	\$ 9,840
318261 IT Charges	\$ 238,123	\$ (12,973)	\$ 225,150	\$ 12,973
318262 Telephone Charges	\$ 44,055	\$ 197	\$ 44,252	\$ (197)
51811 Mainline Replacement	\$ 1,320,881	\$ 24,020	\$ 1,344,901	\$ (24,020)
414165 Risk Management Charges	\$ 297,684	\$ (830)	\$ 296,854	\$ 830
4141610 Fleet O&M	\$ 200,823	\$ (574)	\$ 200,249	\$ 574
Fund 5110 Water Expansion & Replacement				
51811 Mainline Replacement	\$ 1,320,881	\$ 4,740	\$ 1,325,621	\$ (4,740)
431310 Vehicle Allowance	\$ 7,900	\$ (4,740)	\$ 3,160	\$ 4,740
Fund 5210 City Cleanup				
Move to fund balance		\$ 648	\$ 648	\$ (648)
318261 IT Charges	\$ 11,174	\$ (328)	\$ 10,847	\$ 328
318262 Telephone Charges	\$ 692	\$ 7	\$ 699	\$ (7)
414165 Risk Management Charges	\$ 3,880	\$ (11)	\$ 3,869	\$ 11
4141610 Fleet O&M	\$ 110,493	\$ (316)	\$ 110,177	\$ 316
Fund 5400 Alta Canyon Sports Center				
Move to fund balance		\$ 3,509	\$ 3,509	\$ (3,509)
318261 IT Charges	\$ 41,041	\$ (3,565)	\$ 37,476	\$ 3,565
318262 Telephone Charges	\$ 13,515	\$ 102	\$ 13,617	\$ (102)
414165 Risk Management Charges	\$ 4,828	\$ (15)	\$ 4,813	\$ 15
4141610 Fleet O&M	\$ 10,688	\$ (31)	\$ 10,657	\$ 31
Fund 5600 Golf Course				
Move to fund balance		\$ 2,239	\$ 2,239	\$ (2,239)
318261 IT Charges	\$ 29,658	\$ (2,240)	\$ 27,418	\$ 2,240
318262 Telephone Charges	\$ 10,564	\$ 61	\$ 10,625	\$ (61)
414165 Risk Management Charges	\$ 18,939	\$ (50)	\$ 18,889	\$ 50
4141610 Fleet O&M	\$ 3,439	\$ (10)	\$ 3,429	\$ 10



MEMORANDUM

TO: City Council

FROM: Administration and Department Directors

DATE: July 25, 2019

RE: Vehicle Allowance Policy

In response to a recently raised concern by City Council regarding vehicle allowances, please find our collective concerns below.

1. Sandy City Vehicle Allowances have been in place since 1986 and have proven to be a valuable recruiting and retention tool for many key department positions.
2. Vehicle allowances are a common policy across other governmental agencies, as demonstrated in a recent survey of other local municipalities (provided to Council, 7/9/19).
3. Financial Assessment Overview: The current total citywide annual vehicle allowances for 31 employees is \$167,526. Sandy City's Vehicle Allowance covers the following:
 - a. Purchase of the vehicle
 - b. Wear and tear
 - c. Tires
 - d. Maintenance
 - e. Fuel
 - f. Insurance
 - g. Other related vehicle costs

At some point, the conversation and/or proposal was to use funding for the current vehicle allowance to purchase city vehicles. However, reducing or eliminating the vehicle allowance benefit will create a significant increase to our fleet budget – see below.

Fleet Purchases*: (see note below)	\$625,000
Maintenance of these vehicles, annually	\$ 62,500
Minus current Vehicle Allowance	-\$167,526
Net Total additional revenue needed: 1st year	\$519,974

(Note)*: this estimate is for purchasing 25 sedans to replace 31 vehicle allowances, which requires some employees to share a "pool" vehicle

4. Other significant and potential effects include the following:
 - a. Potential accident claims to Risk Office
 - b. City would be required to self insure an additional 25 vehicles and be required to provide uninsured and underinsured motorist benefits for each vehicle, which increases our exposure.
 - c. Hybrid/EV purchases will result in an increased purchase price.
 - d. Many employees would perceive the reduction or elimination of the vehicle allowance as a net loss/pay cut, which would have an impact on morale and retention, costing the city valuable institutional knowledge and expertise.
 - e. Vehicle allowances are a convenient and effective use of the employee's time, allowing timely response to customer complaints vs. coordinating transportation through a shared "vehicle pool".

Based on the data provided above, reduction or elimination of the vehicle allowance does not seem a prudent business decision for the city. Therefore, our recommendation is to maintain the current Vehicle Allowance Policy. Thank you for your consideration.



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Staff Report

File #: 19-248, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

Recognition of Jeff Smith for his 30 years of volunteer service to Sandy City.

Presenter:

Council Member Christensen



Sandy City, Utah

10000 Centennial Parkway
Sandy, UT 84070
Phone: 801-568-7141

Staff Report

File #: 19-249, **Version:** 1

Date: 7/30/2019

Agenda Item Title:

The City Council will honor and remember former Council Member Bryant Anderson with a special presentation to his family.

Presenter:

Council Member McCandless