



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801

BEER BOARD / PUBLIC HEARING
CITY COUNCIL MEETING
6:59 P.M. TUESDAY, MAY 7, 2024
MARYVILLE MUNICIPAL CENTER

NOTICE: Individuals who wish to speak at council meetings should sign up on the public comment sheets available outside the council chamber. There are sign-up sheets for the following comment periods: public hearings, non-agenda items (Hear Citizens), and existing agenda items. The Mayor will use the sign-up sheets to call upon citizens for comments during the correlating comment period. Please remain seated until called upon to speak.

6:59 P.M. BEER BOARD

1. CONSIDERATION OF A MOTION TO GRANT A SPECIAL EVENT BEER PERMIT TO BRYAN DANIELS FOR THE APPROVED SPECIAL EVENT "HOPS IN THE HILLS" TO BE HELD IN JACK GREENE PARK ON JUNE 22, 2024, FROM 5:00 PM.-9:00 P.M. THE EVENT IS SPONSORED BY BLOUNT PARTNERSHIP.

7:00 P.M.

CITY COUNCIL

CALL TO ORDER

ROLL CALL

Individuals with disabilities who require accommodation for participation in meetings must request accommodation at least 72 hours ahead of the scheduled meeting. Contact the ADA Coordinator, at (865) 273-3430 or email at adainfo@maryville-tn.gov.

Meeting attendees who have difficulty hearing can sign out an assisted listening device prior to the meeting. Please let a member of staff know before the meeting starts to use a device.

INVOCATION

APPROVAL OF MINUTES

ACCEPTANCE OF AGENDA

PRESENTATION

HEAR CITIZENS ON NON-AGENDA ITEMS

BUSINESS

1. CONSIDERATION OF AN ORDINANCE ON SECOND READING TO AMEND THE ZONING MAP OF THE CITY OF MARYVILLE, TENNESSEE BY REZONING PROPERTY AT 600 W. BROADWAY AVENUE IDENTIFIED AS PARCELS 004.00, 005.00 and 006.00 ON BLOUNT COUNTY TAX MAP 057E GROUP J FROM THE BUSINESS & TRANSPORTATION DISTRICT TO THE CENTRAL COMMUNITY DISTRICT.
2. CONSIDERATION OF AN ORDINANCE ON SECOND READING TO AMEND §14-211(5) OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING ALLOWING A LIMITED AMOUNT OF CERTAIN BUILDING MATERIALS IN THE CITY COMMERCIAL DESIGN CRITERIA.
3. CONSIDERATION OF AN ORDINANCE ON SECOND READING TO AMEND §14-210 OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING PERMITTED RESIDENTIAL USES IN THE BUSINESS & TRANSPORTATION ZONING DISTRICT.
4. CONSIDERATION OF AN ORDINANCE ON SECOND READING REPEALING AND REPLACING CITY CODE 7-105, FIREWORKS REGULATED, TO PROVIDE ADDITIONAL AND NECESSARY REGULATIONS.
5. CONSIDERATION OF A RESOLUTION APPROVING NEW DOWNTOWN MARYVILLE BRANDING INCLUDING INSTALLATION OF WAYFINDING SIGNAGE.
6. CONSIDERATION OF A RESOLUTION AUTHORIZING THE SPECIAL EVENT “SUMMER ON BROADWAY” TO BE HELD FROM 5:00 P.M., JUNE 21, 2024, UNTIL 11:00 P.M., JUNE 22, 2024.
7. CONSIDERATION OF A RESOLUTION AUTHORIZING AMENDMENT OF THE CHARTER OF BLOUNT MEMORIAL HOSPITAL, INCORPORATED.

8. CONSIDERATION OF A RESOLUTION TO REVISE THE RULES, REGULATIONS, RATES AND POLICIES FOR THE CITY OF MARYVILLE, WATER AND SEWER DEPARTMENT.
9. CONSIDERATION OF A MOTION TO DECLARE CERTAIN ITEMS AS SURPLUS AND TO AUTHORIZE THEIR DISPOSAL.



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

1. CONSIDERATION OF A MOTION TO GRANT A SPECIAL EVENT BEER PERMIT TO BRYAN DANIELS FOR THE APPROVED SPECIAL EVENT "HOPS IN THE HILLS" TO BE HELD IN JACK GREENE PARK ON JUNE 22, 2024, FROM 5:00 PM.-9:00 P.M. THE EVENT IS SPONSORED BY BLOUNT PARTNERSHIP.

A) Introduction:

This event is sponsored by Blount Partnership. The Special Event Beer Permit provides for applicant-Mr. Daniels to organize the sale and/or distribution of beer or other legalized beverages by licensed beer vendor(s) for consumption on public property within the approved Special Events Zone.

B) Financial Impact of Action:

No Financial Impact

C) Impact of Action on Other Departments/Agencies:

No additional impact other than enforcement of the beer laws.

D) Proposed Action:

Staff recommends approval based on the information provided

The background of the page features a large, semi-transparent watermark of the Maryville Police Department logo. The logo is a shield-shaped emblem with the words "MARYVILLE POLICE" at the top and "TN." at the bottom. The central part of the shield depicts a landscape with mountains and a sun. There are stars on the left side of the shield.

MARYVILLE POLICE

Memo

Date: April 17, 2024

To: ★ Sherri Phillips

From: Chief Tony Jay Crisp *Tony Jay Crisp*

RE: Special Events Permit Application with Beer Permit

Background investigation has been conducted on Bryan Thomas Daniels DOB: 03/04/1972, 3232 Whittenburg Dr Maryville TN 37804 doing business as: Hops in the Hills (Blount County Chamber of Commerce) event date: 06/22/24. This applicant also applied for a Special Events Beer Permit.

The investigation revealed the applicant meets the criteria for the permits set forth in the City of Maryville Municipal Code.

TN.

Maryville, Tennessee
April 2, 2024
6:57 P.M.

PUBLIC HEARING
AND
REGULAR MEETING

The Maryville City Council convened for a public hearing and regular business meeting on April 2, 2024, at 6:57 p.m. at the Maryville Municipal Center when the following members were present: Mayor Andy White presiding, Councilmembers Sarah Herron, Fred Metz, Drew Miles, and Tommy Hunt. Also present were City Manager Greg McClain, City Recorder Sherri Phillips, and City Attorney Melanie Davis. The Mayor declared a quorum to be present.

Thereupon, the Mayor declared the Council in session for a Public Hearing at 6:57 p.m. regarding an ordinance on first reading to amend the Zoning Map of the City of Maryville, Tennessee by rezoning property at 600 W. Broadway Avenue identified as parcels 004.00, 005.00, and 006.00 on Blount County Tax Map 057E Group J from the Business & Transportation District to the Central Community District. After some discussion, the Mayor declared the hearing closed.

Thereupon, the Mayor declared the Council in session for a Public Hearing at 6:58 p.m. regarding an ordinance on first reading to amend §14-211(5) of Title 14 of the Maryville Municipal Code, The Zoning and Land Use Ordinance regarding allowing a limited amount of certain building materials in the City Commercial Design criteria. After some discussion, the Mayor declared the hearing closed.

Thereupon, the Mayor declared the Council in session for a Public Hearing at 6:59 p.m. regarding an ordinance on first reading to amend §14-210 of Title 14 of the Maryville Municipal Code, The Zoning and Land Use Ordinance regarding permitted residential uses in the

Business & Transportation Zoning District. After some discussion, the Mayor declared the hearing closed.

Thereupon, it was moved by Councilmember Hunt and seconded by Councilmember Herron to approve the minutes from the March 5, 2024, Council Meeting. On roll call the vote was unanimous.

Thereupon, it was moved by Councilmember Miles and seconded by Councilmember Herron to accept the agenda. On roll call the vote was unanimous.

THEREUPON, THE FOLLOWING PROCEEDINGS WERE HAD AND ENTERED OF RECORD TO-WIT:

Thereupon, the following captioned ordinance was presented, considered, and placed for passage on second reading:

AN ORDINANCE AMENDING THE ANNUAL OPERATING BUDGET OF THE CITY OF MARYVILLE, TENNESSEE FOR FISCAL YEAR 2024.

Thereupon, it was moved by Councilmember Herron and seconded by Councilmember Miles that said ordinance be passed on second reading. On roll call the vote was unanimous. The Mayor declared that said ordinance had been adopted. The ordinance was signed by the Mayor and City Recorder. The Mayor ordered said ordinance numbered 2024-06 and recorded in the Ordinance Book of the City.

Thereupon, the following captioned ordinance was presented, considered, and placed for passage on first reading:

AN ORDINANCE TO AMEND THE ZONING MAP OF THE CITY OF MARYVILLE, TENNESSEE BY REZONING PROPERTY AT 600 W. BROADWAY AVENUE, IDENTIFIED AS PARCELS 004.00, 005.00 AND 006.00 ON BLOUNT COUNTY TAX MAP 057E GROUP J FROM THE BUISNESS &

TRANSPORTATION DISTRICT TO THE CENTRAL
COMMUNITY DISTRICT.

Thereupon, it was moved by Councilmember Metz and seconded by Councilmember Hunt that said ordinance be passed on first reading. On roll call the vote was unanimous. Thereupon, The Mayor declared that said ordinance had passed on first reading.

Thereupon, the following captioned ordinance was presented, considered, and placed for passage on first reading:

AN ORDINANCE TO AMENDING SECTION §14-211(5) OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING ALLOWING A LIMITED AMOUNT OF CERTAIN BUILDING MATERIALS IN THE CITY COMMERCIAL DESIGN CRITERIA.

Thereupon, it was moved by Councilmember Hunt and seconded by Councilmember Metz that said ordinance be passed on first reading. On roll call the vote was unanimous. Thereupon, The Mayor declared that said ordinance had passed on first reading.

Thereupon, the following captioned ordinance was presented, considered, and placed for passage on first reading:

AN ORDINANCE TO AMENDING SECTION §14-210 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING PERMITTED RESIDENTIAL USES IN THE BUSINESS & TRANSPORTATION ZONING DISTRICT.

Thereupon, it was moved by Councilmember Metz and seconded by Councilmember Miles that said ordinance be passed on first reading. On roll call the vote was unanimous. Thereupon, The Mayor declared that said ordinance had passed on first reading.

Thereupon, the following captioned ordinance was presented, considered, and placed for passage on first reading:

AN ORDINANCE REPEALING AND REPLACING CITY CODE
7-105, FIREWORKS REGULATED, TO PROVIDE
ADDITIONAL AND NECESSARY REGULATIONS.

Thereupon, it was moved by Councilmember Metz and seconded by Councilmember Hunt that said ordinance be passed on first reading. At this time, Sara Beth Martin, TNT Fireworks, addressed Council regarding said ordinance. On roll call the vote was as follows:

| | |
|-----------------------|-----|
| Councilmember Herron: | No |
| Councilmember Hunt: | Yes |
| Councilmember Metz: | Yes |
| Councilmember Miles: | Yes |
| Councilmember White: | Yes |

Thereupon, The Mayor declared that said ordinance had passed on first reading.

Thereupon, it was moved by Councilmember Hunt and seconded by Councilmember Miles to consider a motion to authorize the Mayor to sign amendments to the purchase power agreements with Silicon Ranch. At a recommendation of the City Attorney, a motion was made by Councilmember Hunt and seconded by Councilmember Metz to amend the First Amendment to LPC Power Purchase Agreement by removing “City of Maryville Electric Department, a public utility owned by the city of Maryville” and replacing with “City of Maryville” throughout the document. On roll call the vote was unanimous. A motion was made by Councilmember Metz and seconded by Councilmember Herron to approve the agreements with said amendments. On roll call the vote was unanimous.

Thereupon, it was moved by Councilmember Hunt and seconded by Councilmember Miles to consider a motion to authorize the Mayor to sign amendments to the purchase power agreements with Silicon Ranch. At a recommendation of the City Attorney, a motion was made by Councilmember Hunt and seconded by Councilmember Metz to amend the Second Amendment to LPC Power Purchase Agreement by removing “City of Maryville Electric

Department, a public utility owned by the city of Maryville” and replacing with “City of Maryville” throughout the document. On roll call the vote was unanimous. A motion was made by Councilmember Metz and seconded by Councilmember Herron to approve the agreements with said amendments. On roll call the vote was unanimous.

Thereupon, it was moved by Councilmember Herron and seconded by Councilmember Miles to consider a motion for Certificate of Approval by the City Mayor of the City of Maryville, Tennessee of a plan of financing for the issuance of bonds by the National Finance Authority, a New Hampshire Corporation, for the benefit of QCF/I, Inc. and its affiliates (the “borrower”).

Thereupon, there being no further business, Mayor White adjourned the meeting until the next scheduled meeting unless sooner called by the Mayor or as otherwise provided by law.

Mayor

Attest:

City Recorder



PROCLAMATION

In Recognition of Nurses

Whereas, nurses in the United States constitute our nation's largest health care profession; and

Whereas, the depth and breadth of the nursing profession meets the different and emerging health care needs of the American population in a wide range of settings; and

Whereas, professional nursing is an indispensable component of the safety and quality of care of hospitalized and non-hospitalized patients in our community; and

Whereas, the demand for nursing services will continue to expand because of the aging of the American population, emerging health challenges, and the explosive growth of home health care and outpatient services; and

Whereas, more qualified nurses are needed to meet the increasingly complex needs of health care consumers in this community. And the cost-effective, safe, and high-quality health care services provided by nurses will be an increasingly important component of our community health care delivery system in the future; and

Whereas, the American Nurses Association has declared May 6-12 as National Nurses Week, with the theme "Nurses Make the Difference," as an appreciation for nurses for their unwavering commitment to patients, their communities, and our health care system, and an open invitation to recognize and promote the vast contributions and positive impact of Maryville's nurses; and,

Whereas, the city of Maryville celebrates nurses' accomplishments and efforts to improve our health care system and show our appreciation for the community's nurses not just during this week, but at every opportunity throughout the year.

Now, Therefore, I, Andy White, Mayor of the City of Maryville, Tennessee, along with the entire City Council and on behalf of the citizens of this City, do hereby proclaim May 6 - 12, 2024 as

National Nurses Week

in the City of Maryville and I urge the residents of our community to support our nurses this week and throughout the year.

Dated this 7th day of May, 2024

MAYOR



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

1. CONSIDERATION OF AN ORDINANCE ON SECOND READING TO AMEND THE ZONING MAP OF THE CITY OF MARYVILLE, TENNESSEE BY REZONING PROPERTY AT 600 W. BROADWAY AVENUE IDENTIFIED AS PARCELS 004.00, 005.00 and 006.00 ON BLOUNT COUNTY TAX MAP 057E GROUP J FROM THE BUSINESS & TRANSPORTATION DISTRICT TO THE CENTRAL COMMUNITY DISTRICT.

A) Introduction: Development Services has requested that 600 W. Broadway Ave. be rezoned from the Business & Transportation district to the Central Community district. The Maryville Board of Education, Inc. owns the property and is in agreement with the rezoning.

The issue is whether the Central Community district is appropriate for this property. The three subject parcels are part of the Maryville High School (MHS) campus and developed with the culinary school and associated parking at MHS, which is an acceptable use in the Central Community zoning district. The entire MHS campus is zoned Central Community, with the exception of the three subject parcels. If the rezoning is approved, the entire MHS campus will have consistent Central Community zoning.

The Future Land Use Map designates the property and the surrounding area as Mixed Use. The rezoning request is consistent with that designation.

Section 14-220(4) of the Zoning and Land Use Ordinance provides City Council the following when considering proposed zoning map amendments:

- (a) The council shall not consider any representations made by the petitioner that if the change is granted the rezoned property will be used for only one of the possible uses permitted in the requested classification. Rather, the council shall consider whether the entire range of permitted uses in the requested classification is more appropriate than the range of uses in the existing classification.
- (b) The council shall not regard as controlling any advantages or disadvantages to the individual requesting the change but shall consider the impact of the proposed change on the public at large.
- (c) The council shall not zone property to a district in conflict with the Land Use Plan and the Future Land Use Map without first amending said plan.
- (d) The council shall consider the recommendation made by the planning commission.

The Maryville Municipal Planning Commission recommended approval of the rezoning at their meeting on March 18, 2024.

B) Financial Impact of Action: None.



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

C) Impact of Action on Other Departments/Agencies: No impact.

D) Proposed Action:

- Public Hearing
- Second Reading

ORDINANCE NO. _____

AN ORDINANCE TO AMEND THE ZONING MAP OF THE CITY OF MARYVILLE, TENNESSEE BY REZONING PROPERTY AT 600 W. BROADWAY AVENUE IDENTIFIED AS PARCELS 004.00, 005.00 AND 006.00 ON BLOUNT COUNTY TAX MAP 057E GROUP J FROM THE BUSINESS & TRANSPORTATION DISTRICT TO THE CENTRAL COMMUNITY DISTRICT

WHEREAS, the City of Maryville has received a request from Development Services to rezone 600 W. Broadway Avenue to the Central Community district; and

WHEREAS, the Central Community district is consistent with the property's current designation as Mixed Use on the Future Land Use Map; and

WHEREAS, the Council of the City of Maryville, Tennessee desires to amend the Zoning Map of the City of Maryville, Tennessee; and

WHEREAS, the Maryville Municipal Planning Commission has heard, reviewed, and recommended that this amendment be approved by the Council of the City of Maryville; and

WHEREAS, the rezoning advances the public health, safety and welfare of the City of Maryville.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MARYVILLE, TENNESSEE as follows:

SECTION 1. That parcels 004.00, 005.00 and 006.00 on Blount County Tax Map 057E Group J within the Maryville corporate limits which is currently designated as Business & Transportation on the Zoning Map be rezoned in its entirety to the Central Community district. Said property is shown on the attached Exhibit.

SECTION 2. That the provisions of this Ordinance shall be effective from and after its final passage, the public welfare requiring it.

ADOPTED this _____ day of _____, 2024.

Mayor

ATTEST:

City Recorder

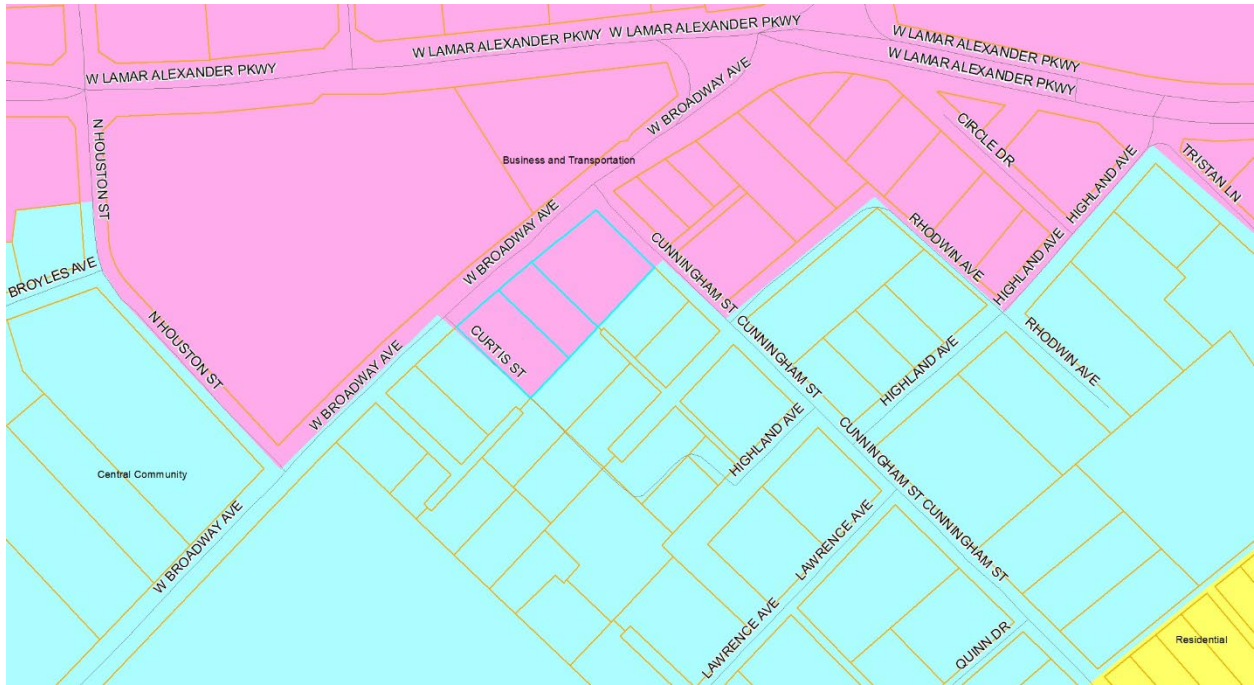
APPROVED AS TO FORM:

City Attorney

Passed 1st reading on this _____ day of _____, 2024 _____
City Recorder

Passed 2nd reading on this _____ day of _____, 2024 _____
City Recorder

Exhibit:





CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

2. CONSIDERATION OF AN ORDINANCE ON SECOND READING TO AMEND §14-211(5) OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING ALLOWING A LIMITED AMOUNT OF CERTAIN BUILDING MATERIALS IN THE CITY COMMERCIAL DESIGN CRITERIA.

A) Introduction: Development Services is requesting an amendment to §14-211(5) of the Zoning and Land Use Ordinance to allow a limited amount of certain building materials in the City Commercial Design Criteria.

- Currently, the City Commercial Design Criteria prohibits metal and flat-faced concrete block on walls visible from the street. Part of proposed new language is as follows: “Exterior walls visible from public roads may not be comprised of more than 25 percent of vertical surfaces with metal or flat-faced concrete block.”
- Staff believes that the proposed amendment is reasonable because it will help to provide clarity and guidance for the community.
- This amendment will allow the Development Services Department to be more consistent when providing feedback to our constituents. The City of Maryville is experiencing tremendous commercial growth, and we need to have clear Commercial Design Criteria Guidelines regarding what is allowed.

The Maryville Municipal Planning Commission voted to recommend the proposed amendment at their meeting on March 18, 2024.

B) Financial Impact of Action: None.

C) Impact of Action on Other Departments/Agencies: None.

D) Proposed Action:

- Public Hearing
- Second Reading

ORDINANCE NO. _____

AN ORDINANCE AMENDING SECTION §14-211(5) OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING ALLOWING A LIMITED AMOUNT OF CERTAIN BUILDING MATERIALS IN THE CITY COMMERCIAL DESIGN CRITERIA.

WHEREAS, the Maryville Municipal Code Title 14 Section 14-211(5) contains the Commercial Design Guidelines requirements for building materials and prohibits metal siding and smooth-faced concrete block on building walls visible from a street; and

WHEREAS, allowing metal siding and smooth-faced concrete block in a limited fashion would not be detrimental to the stated intent of the guidelines; and

WHEREAS, allowing metal siding and smooth-faced concrete block in a limited fashion would provide designers greater creativity in designing building facades; and

WHEREAS, the Maryville Planning Commission has heard, reviewed, and recommended this amendment be granted favorable consideration by the Council of the City of Maryville; and

WHEREAS, the amendment promotes the health, safety, and welfare of the general public; and

WHEREAS, the amendment is consistent with the vision and goals of the City of Maryville; and

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MARYVILLE, TENNESSEE, as follows:

SECTION 1. Title 14, Chapter 2, Section 14-211, (5) General provisions - commercial design criteria - city wide, (iii) Facades and elevations: part (C) is hereby amended as follows:

The text

“Exterior walls visible from public roads may not be comprised of metal or flat-faced concrete block.”

is hereby deleted in its entirety and replaced with:

“Exterior walls visible from public roads may not be comprised of more than 25 percent of vertical surfaces with metal or flat-faced concrete block. Metal which has the appearance of wood or masonry may be considered for a greater percentage of the wall(s). Metal coping, scuppers, metal storefront framing systems supporting glass panels and similar appurtenances are allowed and shall not contribute toward the percentage of metal allowed.”

SECTION 2. This Ordinance takes effect from and after its final passage, the public welfare requiring it.

ADOPTED this _____ day of _____, 2024.

Mayor

ATTEST:

City Recorder

Approved As to Form

City Attorney

Passed 1st reading on this ____ day of _____, 2024 _____
City Recorder

Passed 2nd reading on this ____ day of _____, 2024 _____
City Recorder



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

3. CONSIDERATION OF AN ORDINANCE ON SECOND READING TO AMEND §14-210 OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING PERMITTED RESIDENTIAL USES IN THE BUSINESS & TRANSPORTATION ZONING DISTRICT.

A) Introduction: Development Services is requesting an amendment to §14-210 of the Zoning and Land Use Ordinance to require special exception by the Board of Zoning Appeals for two-family residential uses.

- The Business & Transportation zoning district currently allows two-family residences, including duplex, primary residence with accessory apartment and two-family conversion as permitted uses allowed by right.
- The description of the Business & Transportation district only includes medium and high-density residential uses as appropriate.
- Staff believes any residential development in the Business & Transportation district should require approval of a special exception by the Maryville Board of Zoning Appeals.
- City Council has made it clear that residential development should not be allowed by right in the Business & Transportation zoning district.
- Staff believes that the current land use table contains errors in allowing two-family residences by right.

The Maryville Municipal Planning Commission voted to recommend the proposed amendment at their meeting on March 18, 2024.

B) Financial Impact of Action: None.

C) Impact of Action on Other Departments/Agencies: None.

D) Proposed Action:

- Public Hearing
- Second Reading

ORDINANCE NO. _____

AN ORDINANCE TO AMEND SECTION §14-210 OF TITLE 14 OF THE MARYVILLE MUNICIPAL CODE, THE ZONING AND LAND USE ORDINANCE, REGARDING PERMITTED RESIDENTIAL USES IN THE BUSINESS & TRANSPORTATION ZONING DISTRICT

WHEREAS, the Zoning and Land Use Ordinance currently allows two-family residences (including duplexes, primary residences with apartment, and two-family conversions) as permitted uses by right; and

WHEREAS, the Business & Transportation zoning district description only references medium and high density residential as acceptable land uses; and

WHEREAS, staff believes that when the land use table was codified, that errors were made in the land use table, regarding residential land uses in the Business & Transportation zoning district; and

WHEREAS, the Maryville Municipal Planning Commission has heard, reviewed, and recommended that this amendment be approved by the Council of the City of Maryville; and

WHEREAS, in accordance with Tennessee Code Annotated (TCA) §13-7-203(a) the Council of the City of Maryville conducted a public hearing regarding this matter; and

WHEREAS, the amendment advances the public health, safety, and welfare of the City of Maryville.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MARYVILLE, TENNESSEE, as follows:

SECTION 1. That Title 14, Chapter 2, Section 14-210 Permissible uses, subsection (1) Table of permissible uses, (Two-family residences) is amended to require a special exception for a duplex, primary residence with apartment and two-family conversion in the Business & Transportation zoning district, as shown below.

- Two family Residences (in the Business & Transportation (II) zoning district)
- Duplex - 2 (requires special exception)
- Primary residence with accessory apartment - 2 (requires special exception)
- Two-family conversion - 2 (requires special exception)

SECTION 2. The provisions of this Ordinance shall be effective from and after its final passage, the public welfare requiring it.

ADOPTED this _____ day of _____ 2024.

Mayor

ATTEST:

City Recorder

APPROVED AS TO FORM:

City Attorney

Passed 1st reading on this ____ day of _____, 2024 _____
City Recorder

Passed 2nd reading on this ____ day of _____, 2024 _____
City Recorder



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

4. CONSIDERATION OF AN ORDINANCE ON SECOND READING REPEALING AND REPLACING CITY CODE 7-105, FIREWORKS REGULATED, TO PROVIDE ADDITIONAL AND NECESSARY REGULATIONS.

A) Introduction:

Whereas the City of Maryville allows the retail sale and discharge of fireworks within the corporate limits of the City of Maryville, with certain limitations, this amendment provides for additional regulations deemed necessary to regulate fireworks in the City of Maryville. The ordinance amends such items as application fees, minimum age to purchase fireworks and allowable sales period.

B) Financial Impact of Action: Potential for a minimal increase in revenue.

C) Impact of Action on Other Departments/Agencies: N/A

D) Proposed Action: Pass on second reading.

ORDINANCE NO. _____

**AN ORDINANCE REPEALING AND REPLACING CITY CODE 7-105,
FIREWORKS REGULATED, TO PROVIDE ADDITIONAL AND NECESSARY
REGULATIONS.**

WHEREAS, the City Council of the City of Maryville, Tennessee, allows the retail sale and discharge of fireworks within the corporate limits of the City of Maryville with certain limitations, and

WHEREAS, the City Council has determined additional regulations are necessary to regulate fireworks in the City of Maryville

WHEREAS, the amendment advances the public health, safety and welfare of the City of Maryville;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MARYVILLE, TENNESSEE, as follows:

Section 1. The following repeals and replaces Title 7 of the City Code,

FIREWORKS

Section -001, Manufacture Prohibited. It shall be unlawful for any person, firm, partnership, or corporation to manufacture within the corporate limits of Maryville, Tennessee, pyrotechnics, commonly known as fireworks, of any kind or description.

Section -002, Storage, Sale and Use Restricted. It shall be unlawful for any person, firm, partnership, or corporation to store for resale or sell in the corporate limits of Maryville, Tennessee, any pyrotechnics, commonly known as fireworks, except those fireworks classified as permissible fireworks in T.C.A. §68-104-108. The storage for resale and retail sale of fireworks shall be subject to the following restrictions:

1. The storage for resale and retail sale of fireworks is permitted only on lots zoned to allow retail sales located adjoining U. S. Highway 321 or U. S. Highway 411 or State Route 33 in the City of Maryville.
2. Any person, firm, partnership, or corporation desiring to store and sell retail fireworks within the corporate limits of the City of Maryville shall make application for a permit to do so on forms provided for that purpose by the City Recorder. The application shall be accompanied by a non-refundable fee of \$500.00 for each location for applicants who have registered their business with the Tennessee Department of Revenue listing the City of Maryville as the principal situs address for the purpose of collection and distribution of location sales tax. Additionally, applicants who do not register with the Tennessee Department of Revenue may otherwise obtain a Transient Vendor License pursuant to the provision of Maryville Municipal Code Title 9, Chapter 5 and purchase a City fireworks permit in the amount of \$4,000.00 for each location. No permit shall be issued for any person under eighteen years of age. All permits shall expire as of midnight on July 4th. The application shall include the name of the person making the application; the firm, partnership or corporation he represents; the business address of both the applicant and the partnership, firm or corporation he represents; the address and description of the premises where

the storage and sale of fireworks is contemplated; sales tax numbers and any other information the City Recorder deems pertinent to aid in the investigation of the application. The City Recorder shall refer the applicant to the Fire Chief or his designee who shall interview the applicant if desired and inspect the premises on which the storage and sale of fireworks is contemplated and make whatever additional investigation of the applicant or premises he deems appropriate to ensure that the premises and its operation by the applicant will not constitute a fire, explosion, or similar safety hazard. If the Fire Chief approves the application, the City Recorder shall issue a permit. The permit shall not be transferable to any other person, firm, partnership, corporation or premise.

3. No fireworks shall be sold from an automobile or any other vehicle. No fireworks shall be sold through a drive-thru window. Fireworks must not be thrown into any vehicle when lit nor thrown from any vehicle at any time.
4. Placing, storing, locating or displaying fireworks in any window where the sun may shine through glass onto the fireworks is prohibited.
5. The presence of lighted cigars, cigarettes or pipes within ten (10) feet of where fireworks are offered for sale or are stored is declared unlawful and prohibited.
6. All places where fireworks are stored or sold, there must be posted the words "Fireworks. No smoking" in letters not less than four (4) inches high.
7. No fireworks shall be sold at retail at any location where paints, oils or varnishes are for sale or use unless kept in the original unbroken containers. Fireworks may not be sold anywhere where any resin, turpentine, gasoline or other flammable substance is used, stored or sold.
8. It shall be unlawful to offer for retail sale or to sell any fireworks to children under eighteen (18) years of age or to any intoxicated person.
9. It shall be unlawful to explode or ignite fireworks within 600 feet of any church, hospital, or public school. It shall be unlawful to explode or ignite fireworks within 200 feet of where fireworks are stored, sold or offered for sale.
10. Fireworks may be sold exclusively from June 25-July 4 each year.

Section -003, Use of Fireworks Restricted. It shall be unlawful for any person to fire, set off, shoot, discharge or otherwise explode any fireworks within the corporate limits of the City of Maryville except as follows:

1. Fireworks may be fired, set off, shot, discharged or exploded on a seasonal basis from July 3-4 and at no other time.
2. Fireworks may only be fired, set off, shot, discharged or exploded on those dates listed above from 11:00 a.m. to 11:00 p.m.
3. Igniting and firing or exploding fireworks must be done entirely on private property unless otherwise permitted herein.
4. Use of fireworks on all public streets, roadways, alleys, sidewalks, parks, parking lots, and public property within the City of Maryville is prohibited.

Section -005, Penalty for Violation. An individual violating any of the provisions of this Chapter shall be guilty of a misdemeanor punishable pursuant to the General Penalty Clause of this Code. Further, the Fire Chief or any police officer may seize, take, remove or cause to be removed at the expense of the owner all stocks of fireworks offered for sale, stored, held or used in violation of this Chapter.

Section -006, Exceptions. Nothing in this Chapter shall be construed as applying to the manufacture, storage, sale or use of signals necessary for the safe operation of railroads or other classes of

public or private transportation. This Chapter shall further not apply to the military of the United States or any peace officers. Further, this Chapter shall not be read to prohibit the sale or use of blank cartridges for ceremonial, theatrical or athletic events. Sale or use of fireworks solely for agricultural purposes is permitted where approved by the State Fire Marshal.

Section 2. This ordinance shall be effective upon final passage, the public welfare requiring it.

Adopted this the ____ day of _____, 2024.

MAYOR

ATTEST:

City Recorder

APPROVED AS TO FORM:

City Attorney

Passed 1st reading on this ____ day of _____, 2024

City Recorder

Passed 2nd reading on this ____ day of _____, 2024

City Recorder



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

**5. CONSIDERATION OF A RESOLUTION APPROVING NEW DOWNTOWN MARYVILLE
BRANDING INCLUDING INSTALLATION OF WAYFINDING SIGNAGE.**

A) Introduction: This resolution is to seek council endorsement for the new downtown brand and support for a wayfinding & signage project affecting the central business district. The project will install gateway/monument signs at 4 locations on the edges of the downtown districts. The new gateway signs will feature the downtown logo, and the slogan "The More the Maryville". In order to place gateway signs along state routes, TDOT requires a resolution passed by the city council in support of the project and endorsement of the logo and slogan to be used related to Downtown Maryville.

B) Financial Impact of Action: There is no cost to the city for the resolution, however the wayfinding project has received grant funding in the amount of \$100,000 to be applied to the total project cost of \$199,675.20

C) Impact of Action on Other Departments/Agencies: N/A

D) Proposed Action: Staff recommends approval.

RESOLUTION NO. _____

**A RESOLUTION APPROVING NEW DOWNTOWN MARYVILLE BRANDING,
INCLUDING INSTALLATION OF WAYFINDING SIGNAGE.**

WHEREAS, the City of Maryville has completed a project for a new branding effort in Downtown Maryville, and

WHEREAS, the City of Maryville City Council endorses the use of the Downtown Maryville logo, and the slogan “The More the Maryville”, and

WHEREAS, the City of Maryville City Council supports the installation of wayfinding signage in the central business district, including gateway signage into Downtown Maryville.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL
OF THE CITY OF MARYVILLE, TENNESSEE**, as follows:

SECTION 1. That the City of Maryville endorses the new downtown brand and approves the Downtown Wayfinding Project, including installation of monument style gateway signs at various locations along State Route 35 Washington Street, SR33 West Broadway Avenue, and SR73 Lamar Alexander Parkway.

SECTION 2. That the Recorder of the City of Maryville is hereby authorized to transmit a certified copy of this Resolution to the Tennessee Department of Transportation for their records.

SECTION 3. That this Resolution shall become effective on this _____ day of _____, 2024.

Mayor

ATTEST:

City Recorder

APPROVED AS TO FORM:

City Attorney



CITY OF MARYVILLE
404 West Broadway
Maryville, TN 37801
(865) 273-3400

AGENDA ITEM BACKGROUND

6. CONSIDERATION OF A RESOLUTION AUTHORIZING THE SPECIAL EVENT “SUMMER ON BROADWAY” TO BE HELD FROM 5:00 P.M., JUNE 21, 2024, UNTIL 11:00 P.M., JUNE 22, 2024.

A) **Introduction:** Authorizing the special event “Summer on Broadway.”

City Council has the authority to approve special events on certain public property within the special event zone. Approval by resolution is required for events that serve alcohol on public property.

B) **Financial Impact of Action:** City services to be provided include electric and water access in specific locations, public works provision of garbage cans, public works assistance to empty trashcans, police assistance with parking lot/ street closures.

C) **Impact of Action on Other Departments/Agencies:** as outlined by agreement, departments providing services will have some labor involvement.

D) **Staff Recommendation:** Pass resolution

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE SPECIAL EVENT “SUMMER ON BROADWAY” TO BE HELD FROM 5:00 p.m., June 21, 2024, until 11:00 p.m., June 22, 2024.

WHEREAS, the Council has passed an ordinance allowing for City allowance of Special Events within the Special Events Zone, and;

WHEREAS, the Staff recommends approval of Summer on Broadway (coordinated by the Blount Partnership) in downtown Maryville,

THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MARYVILLE, TENNESSEE as follows:

SECTION 1: That City Council approves the Special Event “Summer on Broadway,” which will be held on June 21 from 5 PM until June 22 at 11 PM.

SECTION 2: That pursuant to ordinance 2013-06 and related ordinances, consumption of alcohol will be permitted within the Special Events Zone according to the attached event map.

SECTION 3: That all parties involved will comply with City of Maryville ordinances and Special Event rules and regulations.

SECTION 4: That the resolution will take effect immediately upon its passage.

Passed this _____ day of _____, 2024.

Andy White
Mayor

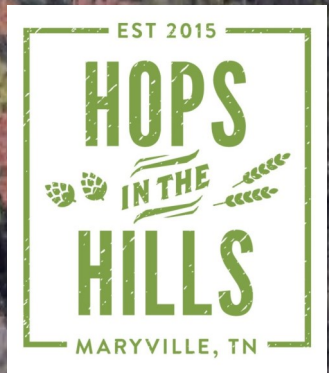
ATTEST:

Sherri Phillips
City Recorder

APPROVED AS TO FORM:

City Attorney

2024
Hops in the Hills
Beer Boundaries
Entrance





2024 Summer on Broadway

- Craft Vendors
- Kids Area
- Stage & Dog Land
- Dock Dogs
- Farmers Market
- BBQ Bash
- Beer Boundaries
- Classic Cars



Van Metre School of Dance

Bluetick Tavern

Two Doors Down

Founders Square

Tri-Hop Brewery

Dandy Lions Gifts
Gift shop

Maryville Greenbelt
Amphitheatre

Blount County
Courthouse

Blount County
Clerk's Office...

Google

Bicentennial
Greenbelt Park

Maryville Greenway

Renasant Bank

E Broad

Agency Inc

Gamble Ave

W Church Ave

W Harper Ave

N Cusick St

S Cusick St

E Broadway Ave

College St

otist Church
ville

ew St



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

7. CONSIDERATION OF A RESOLUTION AUTHORIZING AMENDMENT OF THE CHARTER OF BLOUNT MEMORIAL HOSPITAL, INCORPORATED.

A) **Introduction:** The City of Maryville wishes to approve the Amended and Restated Charter of Blount Memorial Hospital, Inc.

B) **Financial Impact of Action:** None

C) **Impact of Action on Other Departments/Agencies:** None

D) **Proposed Action:** Pass Resolution

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING AMENDMENT OF THE
CHARTER OF BLOUNT MEMORIAL HOSPITAL,
INCORPORATED**

WHEREAS, recently Blount County and Blount Memorial Hospital, Incorporated have been in litigation relating to various issues involving hospital governance; and

WHEREAS, the litigation has been settled, but the settlement is conditional on adoption by the City of Alcoa, the City of Maryville, and Blount County of the Amended and Restated Charter of Blount Memorial Hospital, Incorporated as shown on Exhibit A attached hereto; and

WHEREAS, the City of Maryville, in order to facilitate the settlement of the litigation, wishes to approve the Amended and Restated Charter as set forth on Exhibit A attached hereto.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY
OF MARYVILLE, TENNESSEE**, as follows:

SECTION 1. The City Council approves and hereby adopts the Amended and Restated Charter of Blount Memorial Hospital, Incorporated as attached hereto as Exhibit A to supersede any prior Charter approved by the City of Maryville for Blount Memorial Hospital, Incorporated

SECTION 2. This Resolution will take effect immediately upon passage.

SECTION 3. This resolution shall become effective from and after its adoption:

Adopted this _____ day of _____, 2024.

MAYOR

ATTEST:

City Recorder

APPROVED AS TO FORM:

City Attorney

Prepared by and return to:
Blount Memorial Hospital, Inc.
907 E. Lamar Alexander Parkway
Maryville, TN 37804

AMENDED AND RESTATED CHARTER
OF
BLOUNT MEMORIAL HOSPITAL, INC.

The undersigned natural person, having capacity to contract and acting as the President of a corporation organized under the Tennessee Nonprofit Corporation Act (the "Act"), adopts the following Amended and Restated Charter for such corporation:

1. The name of the Corporation is as follows: Blount Memorial Hospital, Incorporated.
2. This Corporation is a public benefit corporation and the duration of the Corporation is perpetual.
3. The Corporation is not a religious corporation.
4. The Corporation shall not have members.
5. The street address of the current registered office of the Corporation in the State of Tennessee is 907 E. Lamar Alexander Parkway, Maryville, TN 37804. The name of the current registered agent at this office is Jonathan C. Smith.
6. The street address of the current principal office of the Corporation in the State of Tennessee is 907 E. Lamar Alexander Parkway, Maryville, TN 37804.
7. The Corporation is not for profit.
8. The Corporation is irrevocably dedicated to, and operated exclusively for, nonprofit purposes, to-wit: operating a hospital and ancillary facilities for the benefit of Blount County, Tennessee, providing related health care and other ancillary services, and engaging in any lawful business and all actions related thereto or arising therefrom. No part of the income or assets or net earnings of the Corporation shall be distributed to or inure to the benefit of any Directors, officers, or other private individuals or persons, except that the Corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments in furtherance of the purposes set forth herein.
9. Upon dissolution, after all the creditors of the Corporation have been paid, its assets shall be distributed exclusively for public health purposes to (i) Blount County, Tennessee, or (ii) such other entity as has been approved by Blount County, Tennessee to operate the hospital and its ancillary facilities.
10. The affairs of the Corporation shall be managed by a Board of Directors of not fewer than nine (9) Directors, four (4) of whom shall be approved by the Blount County Commission, two (2) of whom shall be approved by the Maryville City Council, (2) of whom shall be approved by the Alcoa Board of Commissioners, and one (1) of whom

shall be approved by the Board of Directors of Maryville College (the "Appointing Bodies"). Directors shall be nominated by a Nominating Committee which shall be composed of the following: (1) the Blount County Mayor or his/her designee; (2) the Alcoa City Manager or his/her designee; (3) the Maryville City Manager or his/her designee; (4) the Maryville College President or his/her designee; (5) the President/CEO of the Blount Partnership or his/her designee; (6) the President of the Blount Memorial Hospital, Inc. Board of Directors; and (7) one member appointed by the Blount County Medical Society. The President of the Blount Memorial Hospital, Inc. Board of Directors shall be the permanent Chairperson of the Nominating Committee, which shall convene annually to nominate Directors for expiring terms and as needed to fill vacancies on the Board of Directors, said nominations to be made by simple majority vote of the Nominating Committee. Upon nomination of candidate(s), the Nominating Committee shall submit the name(s) of the nominee(s) to the respective Appointing Body, which Appointing Body shall then vote on the appointment of said nominee(s). A nominee shall be seated immediately upon approval of the respective Appointing Body. In the event a nominee is not so approved, the Nominating Committee shall reconvene and submit a new nominee who may not be an individual who was nominated in the previous three (3) years and whose nomination to the Board of Directors was not approved. If the Nominating Committee fails to submit a nominee to a respective Appointing Body for more than thirty (30) consecutive days of a seat becoming open, whether by expiration of a term or by death, resignation, or removal, then the Appointing Body may nominate and appoint a Director on its own motion. Nominees of the Blount Memorial Hospital Board shall not consist of members of the elected bodies of Maryville City Council, Alcoa Board of Commissioners or Blount County Commission.

11. A Director may be removed, with or without cause, by the Appointing Body who so approved the Director's nomination by a two-thirds (2/3) majority vote of those present and voting at a regular meeting or special called meeting for this purpose. A Director may also be removed by a simple majority vote by the Appointing Body who so approved the Director's nomination upon a recommendation from the Board of Directors of the Corporation made in accordance with the bylaws of the Corporation. Any such removal, regardless of which of the two foregoing procedures is used, is effective immediately, and such Director shall immediately cease serving as a Director, unless specifically stated otherwise by the Appointing Body removing said Director.
12. Directors shall be appointed for terms of three (3) years, and no Director shall serve more than three (3) consecutive terms, except that any Director appointed to complete a partial term due to a vacancy may then serve an additional three (3) consecutive three (3) year terms.
13. To the fullest extent permitted by the Act, no Director of the Corporation shall be personally liable to the Corporation for monetary damages for breach of fiduciary duty as a Director, except: (i) for any breach of the Director's duty of loyalty to the Corporation; (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law; or (iii) under Tenn. Code Ann. § 48-58-302 or any amendment thereto.
14. The Corporation shall hold harmless and indemnify officers and directors, whether or not then in office, and their respective executors, administrators, and heirs from and against any and all claims, demands, expenses (including attorneys' fees), judgments, fines, amounts paid in settlement, and any other costs with respect to any demand,

threat, suit, or proceeding, whether civil or criminal, arising with respect to such **person's previous, present, or future service as an officer or director of the Corporation** to the maximum extent permitted by law.

15. The Corporation's fiscal year shall begin July 1 of each year and end June 30 of the following year.
16. This Charter may be amended only by approval of the Board of Directors and all the governing bodies of Blount County, the City of Alcoa, and the City of Maryville.
17. This Charter is to be effective immediately upon filing by the Tennessee Secretary of State.
18. This Amended and Restated Charter has been duly adopted as of the date hereof by the Directors of the Corporation and replaces all previous Charters(s) and Amendment(s).

DATED effective as of MARCH 28, 2024

Stephen Kiefer, M.D., President

ATTEST:



Secretary



CITY OF MARYVILLE
400 West Broadway
Maryville, TN 37801
(865) 273-3401

AGENDA ITEM BACKGROUND

8. CONSIDERATION OF A RESOLUTION TO REVISE THE RULES, REGULATIONS, RATES AND POLICIES FOR THE CITY OF MARYVILLE, WATER AND SEWER DEPARTMENT

A) Introduction:

This resolution details the Rules, Regulations, Rates, and Policy Manual for the City of Maryville, Water and Sewer Department. These additions were requested by TDEC and reviewed by the WSD Engineering Department to make the document up to date with current design standards and practices.

B) Financial Impact of Action:

None

C) Impact of Action on Other Departments/Agencies:

None

D) Proposed Action:

Motion to adopt the resolution

RESOLUTION NO. _____

**A RESOLUTION TO REVISE THE RULES, REGULATIONS,
RATES AND POLICIES FOR THE CITY OF MARYVILLE,
WATER AND SEWER DEPARTMENT.**

WHEREAS, Maryville City Council has adopted the Rules, Regulations, Rates and Policy Manual for the City of Maryville, Water and Sewer Department; and,

WHEREAS, it is necessary to modify, remove and clarify certain information in the Rules, Regulations, Rates and Policy Manual for the City of Maryville, Water and Sewer Department in order to enforce in a fair and equitable manner; and,

WHEREAS, this revision is consistent with the vision and goals of the City of Maryville, Water and Sewer Department.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF MARYVILLE, TENNESSEE**, as follows:

SECTION 1. That the Rules, Regulations, Rates and Policy Manual for the City of Maryville, Water and Sewer Department be repealed in its entirety and replaced with an updated Manual

SECTION 2. This resolution shall become effective from and after its adoption:

Adopted this _____ day of _____, 2024.

Mayor

ATTEST:

City Recorder

APPROVED AS TO FORM:

City Attorney

PART I- WASTEWATER

1.0 DEFINITIONS

1. ACCEPTED STREET

A street or avenue located within the City of Maryville which has been accepted by the City for maintenance, or a road or highway located outside the City of Maryville which has been accepted by Blount County.

2. C900

PVC pipe which conforms to the AWWA C900 Standards.

3. CITY

The City of Maryville, Tennessee

4. COST SUMMARY

Total estimated cost of project including all labor and materials costs. Costs will be a combination of material prices and the labor to install them. This is to be broken down to cost per foot of each size of pipe used, fire hydrants, appurtenances, and all miscellaneous items required to complete the construction.

5. CROSS-CONNECTION

Any physical construction whereby the City's water supply is connected with any other water supply systems, whether public or private, or either inside or outside any building in such a manner that a flow of water into the City's water supply is possible, either through the manipulation of valves or because of ineffective check or back-pressure valves, or any other arrangement.

6. CUSTOMER

Any person who receives water and/or wastewater services from the City either under an express or implied contract requiring such person to pay the City for such service.

7. DEVELOPER

Any person, firm or corporation, both public and private, engaged in the development of land, such as subdivisions and other land improvements.

8. DWELLING

Any single structure occupied by one or more persons for residential purposes.

9. EASEMENT

A legally dedicated right-of-way for the City to install water and/or sewer lines within specified boundaries.

10. EXISTING DEVELOPED AREA

A developed area within the corporate limit having streets, water and/or sewer lines and appurtenances, which have been accepted for operation and maintenance by the City.

11. MULTIPLE UNIT DEVELOPMENT

Any multi-unit complex, such as: apartments, small business, etc. on one single parcel.

12. NEW SUBDIVISION

A development of a tract or parcel of land having two or more lots and having dedicated streets which have not been accepted by the appropriate governing agency.

13. PERSON OR TENANT

Firms and corporations, as well as individuals.

14. PREMISES

Any structure or group of structures, including land, operated as a single business or enterprise.

15. UNIT

An individual part of a multiple unit development.

NOTE:

Whenever the context shall admit or require words used herein in the singular shall include the plural; words used in the plural shall include the singular; words used in the masculine shall include the feminine; and words used in the feminine shall include the masculine.

1.1. SEWER SYSTEM DESIGN

1.1.1. Pre-design Conference

Prior to the design of a wastewater collection system extension, the design engineer should first confer with the City of Maryville Development Services regarding growth potential and density that may be expected in the general area of the extension being planned. A conference with the Water and Sewer staff should follow to discuss system standards and requirements, as well as any problems related to the mains being extended. The design engineer must have a license to practice in the State of Tennessee.

1.1.2. Design Period

In general, wastewater collection extensions shall be designed for the estimated ultimate tributary population.

1.1.3. Plans and Specifications Approval

(a) Detailed plans and specifications for a proposed extension must be submitted along with the cost summary to the Water and Sewer Department of the City of Maryville for approval. Once approval has been obtained, the detailed plans and specifications must be submitted to the Tennessee Department of Environment & Conservation, Division of Water Resources, for approval. Upon completion of the project, the **design engineer** shall revise the detailed plans to reflect "As-Built" information and submit the revisions for review to the Water and Sewer Department. Upon acceptance of the

"As-Builts" the **design engineer** shall provide an electronic copy of the "As-Built" submitted in a format that can be edited in AutoCAD and a PDF or other electronic file type as requested by WSD personnel. Additionally, the **design engineer** may be required to furnish the Water and Sewer Department with one paper copy of the "As-Built" drawing. Drawings to be furnished in Engineering format no larger than 22 inches x 34 inches.

- (b) Each plan sheet shall bear an appropriate title block showing the name of the project, location, owner, engineer, date, scale in feet, true north where applicable, sheet number and revision data.

Each sheet shall contain a blank area at least 4 inches by 6 inches near the title block for imprinting the official "Approved for Construction" stamps of the Tennessee Department of Environment & Conservation and WSD Engineering of the City of Maryville. Plans shall be clear and legible and shall conform to the requirements of WSD Engineering's Standards.

- (c) Plans of Sewers:

A plot plan of the existing and proposed sewers shall be submitted for projects involving substantial additions to the existing sewer system. The plan shall show the location, size and direction of flow of all existing and proposed sewers. Hydraulic calculations are required for all lines in the project.

All lines receiving discharge from the project shall be shown to be adequate. A vicinity map must accompany all sewer line extensions. For projects involving multiple sewer lines, include a project map showing the overall layout of the entire project.

- (d) Detail Plans:

Detail plans shall be submitted. Plans and profiles are required for all wastewater lines. Profiles should have a horizontal scale of not more than 50 feet to the inch. The vertical scale of profiles shall not be more than 10 feet to the inch. The plan view should be drawn to a corresponding horizontal scale. Plans and profiles shall be drawn on the same sheet and will show:

1. Location of streets and sewers; lines for the existing and proposed ground surface; location and description of survey benchmarks; size, material and type of pipe for the main and service lines; length between manholes; invert and surface elevation at each manhole; location and size of service lines and taps; and grade of sewer between each two adjacent manholes. All manholes shall be numbered on the plans and correspondingly numbered on the profiles. Stationing of the sewer line at 100-foot intervals and locations of all appurtenances by stationing shall be shown on the plan and profile. Where there is any question of the sewer being sufficiently deep to serve any residence or other source, the elevation and location of the basement floor or other low point source shall be plotted on the profile of the sewer which is to serve the house or source in question. The engineer shall state that all sewers are sufficiently deep to serve adjacent basements or sources

except where otherwise noted on the plans. Whenever possible, sewer service lines shall discharge into a manhole.

2. Locations of all special features such as inverted siphon, concrete encasements, elevated sewers, etc.
3. All known existing structures both above and below ground which might interfere with the proposed construction, particularly water mains, gas mains, storm drains, etc.
4. No other utilities shall be drawn on the sheet except for clarification or reference.
5. Sufficient detail shall be shown on the plans to allow for materials take off and location of lines in the field by a third party.

(e) The following note(s) must be included in the plan sets:

THESE PLANS ARE BASED ON AN ACTUAL FIELD SURVEY AND LAYOUT OF THE SEWER SYSTEM. THE MEASUREMENTS GIVEN AND LAYOUT SHOWN ARE SUFFICIENT FOR ORDERING OF MATERIALS AND FIELD LAYOUT OF THIS PROJECT. ALL ELEVATIONS NOTED FOR MANHOLES AND APPURTENANCES ARE ACTUAL FIELD MEASURED ELEVATIONS.

THE CONTRACTOR SHALL NOTIFY TENNESSEE ONE CALL AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION FOR UTILITY LINE LOCATES. ANY DISCREPANCIES BETWEEN THE PLAN LOCATIONS AND THE ACTUAL FIELD LOCATIONS SHALL BE IMMEDIATELY COMMUNICATED TO THE DESIGN ENGINEER AND THE CITY OF MARYVILLE, WATER AND SEWER ENGINEERING.

(f) Erosion Prevention and Sediment Control (EPSC)

1. Construction projects resulting in one or more acres of soil disturbance or less than one acre as part of a larger common plan of development comprising at least one acre of cumulative land disturbance are required to obtain authorization under the National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges of Stormwater Associated with Construction Activities (CGP) or an individual NPDES permit. Construction activities include clearing, grading, filling, and excavating. Site operators must maintain coverage under this permit for all portions of a site that have not been permanently stabilized.
2. CGP Notice of Intent (NOI) and supporting documentation are required at the time of construction document submittal. The NOI is processed at the local field office and a copy of the NOI or the permit tracking number shall be included with the plan's submittal. EPSC measures shall be designed in accordance with the current version of the TDEC Erosion and Sediment Control Handbook.
3. Clearing, grubbing, and other disturbances to riparian vegetation and wetlands shall be kept at the minimum necessary for slope construction and equipment operations.

4. Sediment shall be prevented from entering the waters of the state.
 5. All spoil materials from trench excavation, bore pits, and other earth-disturbing activities shall be deposited in an upland location and stabilized within seven days in order to prevent erosion into the waters of the state.
 6. All dewatering activities shall be conducted in such a manner as to prevent the discharge of sediment-laden water into waters of the state.
 7. To minimize wildlife entanglement and plastic debris pollution, temporary erosion and sediment control products that either do not contain netting, or that contain netting manufactured from 100 percent biodegradable non-plastic materials such as jute, sisal, or coir fiber shall be specified. Netting used in these products should have a loose-weave wildlife-safe design with movable joints between the horizontal and vertical twines, allowing the twines to move independently. Degradable, photodegradable, UV-degradable, oxo-degradable, or oxo-biodegradable plastic netting (including polypropylene, nylon, polyethylene, and polyester) are not acceptable alternatives.
- (g) Design considerations for crossings involving trenches parallel to streams and wetlands
1. Trench Plugs:
 1. Trench plugs are barriers placed within an open pipeline excavation in order to slow flow and reduce erosion in the trench and to prevent the trench from becoming a subsurface drainage path. Since the bedding and embedment are constructed using cohesionless, free-draining soils, a path is created for water to flow easily (French drain effect) alongside the pipe. In areas where there is high groundwater, where the pipeline crosses streams or aquifers, or where the natural groundwater flow would be affected or even diverted by the select material, trench plugs of impervious materials should be constructed at intervals along the pipeline.
 2. The trench plug area will have a bedding of impervious materials, whereas the bedding on both sides of the trench plug will have a bedding of uncompacted, cohesionless soil.
 3. Location and spacing of trench plugs: Minimum of one trench plug between manholes, and one trench plug at each end of the stream crossing or wetland. The trench plugs between manholes shall be located near the upstream manhole.
 2. Aerial Crossings:
 1. Sewers that lay on piers across ravines or streams may be allowed if no other practical alternative exists or, in the design engineer's judgment, other methods will not be as reliable.

2. Support shall be provided for all joints in pipes utilized for aerial crossings. The supports shall be designed to prevent frost heave, overturning, and settlement.
3. Provide precautions against freezing, such as insulation and increased slope.
4. Provide expansion joints between above-ground and below-ground sewers. Where buried sewers change to aerial sewers, use special construction techniques to minimize frost heaving.
5. For aerial stream crossings, the impact of floodwaters and debris shall be considered. The bottom of the pipe should be placed no lower than the elevation of the 50-year flood. Ductile iron pipe with mechanical joints is recommended.
6. The design should consider maintenance of an adequate waterway for the 100-year flood flows and analyze the impact of the proposed aerial crossing(s) on flooding, including hydraulic modeling, such as Hydrologic Engineering Center-River Analysis System (HEC-RAS) modeling, as necessary.

1.1.4. Design Factors

- (a) In determining the required capacities of sanitary sewers, the following factors must be considered:
 1. Maximum hourly quantity of wastewater
 2. Additional maximum wastewater from industrial plants
 3. Ground water infiltration.

1.1.5. Design Basis

- (a) Per capita flow: Sewer systems serving residential development should be designed on the basis of an average daily per capita flow of wastewater of not less than 100 gallons per day when no water use information is available. This amount of flow is assumed to cover nominal infiltration, but an additional allowance should be made where conditions are unfavorable.

Generally the sewers shall be designed to carry, when running full, not less than the following daily per capita contributions of wastewater, exclusive of wastewater from industrial plants:

1. Laterals and sub-main sewers: 400% of average design flow
2. Main, trunk and outfall sewers: 250% of average design flow

1.2. DETAILS OF DESIGN AND CONSTRUCTION OF WASTEWATER COLLECTION LINES

1.2.1. Minimum Size

No sewer collection line shall be less than 8 inches in diameter.

1.2.2. Depth

Sewers shall be deep enough to drain basements and to prevent freezing. Any exception must be approved by WSD Engineering. Where practical, a minimum depth of 5 feet shall be maintained.

1.2.3. Slope

All sewers shall be so designed and constructed to give mean velocities, when flowing half full, of not less than 2.0 feet per second. The minimum required slopes for 8-inch through 18-inch sewer mains are shown below. However, these slopes, should be used only when required. All sewers shall be laid with uniform slope between manholes.

| SEWER SIZE (inches) | RECOMMENDED MINIMUM SLOPES (Feet/100 Feet) |
|------------------------|--|
| 8 | 0.50 |
| 10 | 0.39 |
| 12 | 0.30 |
| 14 | 0.12 |
| 15 | 0.11 |
| 16 | 0.10 |
| 18 | 0.09 |

1.2.4. Alignment

Sewers shall be designed with straight alignment between manholes.

1.2.5. Increasing Size

When a smaller sewer joins a larger one, the invert of the larger sewer should be lowered sufficiently to maintain the same energy gradient. An acceptable approximate method for securing these results is to place the 0.8 depth point of both sewers at the same elevation.

1.2.6. High Velocity Protection

C900 pipe shall be used when slopes are greater than:

| SEWER SIZE (inches) | SLOPE (Feet/100 Feet) |
|------------------------|--------------------------|
| 8 | 18' |
| 10 | 13' |
| 12 | 9' |

1.2.7. Pipe Bedding

(a) All sewers shall be designed to prevent damage from superimposed loads. Proper allowance for loads on the sewer shall be made because of the width and depth of trench. Backfill material from a foot above the pipe should not exceed 6 inches in diameter at its greatest dimension. In roadways where cover is less than 4 feet, or in open areas where cover is less than 2½ feet, C900 shall be used. C900 shall be required when sewer installation occurs in areas of non-virgin soil (i.e. areas of "fill"). Piers shall be provided for when necessary for support. A precast impermeable barrier or concrete encasement shall be used at the transition from fill to virgin soil to prevent piping of water through the crushed stone bedding. For structural reasons, C900 or relocation shall be required when culverts or other conduits are laid such that the top of the sewer is less than 18 inches below the bottom of the culvert or conduit. Special care shall be used in placing bedding in the haunching region.

1. C900 : Each sewer pipe section shall be laid on a 6-inch bed of Size No. 7 crushed stone and shall be backfilled to the springline of the pipe using Size No. 7 compacted crushed stone.
2. SDR 26/ASTM D3034 PVC Pipe: Each sewer pipe section shall be completely encapsulated with 6 inches of bedding material on the top, both sides, and the bottom of the pipe. Bedding materials shall be Size No. 7 crushed stone.

(b) Sewer lines laid in fill shall be:

1. C900 , and
2. installed on piers.

This requirement may be waived in whole or in part by WSD Engineering if sufficient compaction has been achieved in the fill (95% AASHTO T-99 minimum).

1.2.8. Joints and Infiltration

Sewer joints should be designed to minimize infiltration and to prevent the entrance of roots. Standard laying lengths for PVC pipe shall not exceed 14 feet and 20 feet if C900.

1.2.9. Air Pressure Testing

Low pressure air exfiltration testing of all pipes shall be performed on all line segments. The pressure drop during the testing period shall be a maximum of 0.2 psig after initial pressure stabilization in the line segment. Minimum test time shall be 5 minutes for each line segment.

1.2.10. Manholes

- (a) Location: manholes shall be installed at the upper end of each collection sewer line, at all changes in horizontal and vertical alignment, at points of changes in size, and at all pipe intersections. Manholes shall be installed at distances not greater than 350 feet apart. Any exception shall require permission from Maryville WSD Engineering.
- (b) Drop Manholes: A drop pipe shall be provided for a sewer entering a manhole at an elevation of 24 inches or more above the manhole invert. Where the difference in elevation between the incoming sewer and the manhole invert is less than 24 inches, the invert should be U-shaped to prevent deposition of solids. All drop manholes shall be constructed as per the detail drawings. The upper horizontal entry line for all drop manholes shall be C900 pipe and shall extend from the manhole wall to the tee and from the tee a minimum of one full joint of pipe. The drop assembly shall consist of a C900 tee with appropriate gaskets for the material used.
- (c) A drop pipe of C900, a 90 degree bend, a C900 pipe connection into the bottom of the manhole. The lower 90 degree bend and lower horizontal line shall be fully supported by 3,000 psi minimum strength concrete that is poured against native ground with a minimum unconfined compressive soil strength of 2,000 pounds per square foot.
- (d) Diameter: the minimum diameter of manholes shall be 48 inches. The entrance tube shall be at least 24 inches in diameter.

1.2.11. Vacuum Testing

Vacuum Testing shall be conducted on each wet well, and/or manhole. The test shall be performed such that the integrity of each component (i.e. pipe connections, seal(s) between manhole sections, seal between manhole and frame) is verified.

Prior to testing, all pipe inlets and outlets shall be plugged and braced. A vacuum of ten (10) inches of mercury shall be drawn and the vacuum pump shut off. With no additional vacuum added by the pump, the wet well/manhole assembly will be accepted if the time measured for the vacuum to drop to nine point five (9.5) inches does not violate the table below. If these times are exceeded, repairs shall be made, or manhole parts replaced until the test times are met. Any apparent leaks in the manhole as determined by the inspector shall be sealed and the manhole re-tested.

MINIMUM TIMES FOR WETWELL/MANHOLE VACUUM TEST (Seconds)*

| DEPTH (FEET) | <4 | 6 | 8 | 10 | 12 | 14 | Each Additional 2 feet |
|--------------|--------------|----|----|----|----|----|------------------------|
| DIAMETER | TIME OF TEST | | | | | | |
| 48 inches | 10 | 15 | 20 | 25 | 30 | 35 | 5 |
| 60 inches | 13 | 20 | 27 | 34 | 41 | 48 | 7 |
| 72 inches | 16 | 24 | 32 | 40 | 48 | 56 | 8 |
| 96 inches | 22 | 33 | 44 | 55 | 66 | 77 | 11 |

*Other diameters to be as per current ASTM C1244.

1.2.12. Protection of Water Supplies

- (a) Water Supply Interconnections: There shall be no physical connection between a potable water supply line and a sewer or appurtenance thereto which would permit the passage of any wastewater or polluted water into the potable supply.
- (b) Relation to Other Utilities: There shall be no other utility lines installed in the same trench parallel to existing water or sewer lines.
- (c) Relation to Water Mains:
 - 1. Horizontal Separation: Whenever possible, sewers (gravity and force mains) should be laid at least 10 feet horizontally from any existing or proposed water pipe. Should local conditions prevent a lateral separation of 10 feet, a sewer may be laid closer than 10 feet to the water main if it is laid in a separate trench and if the elevation of the top of the sewer pipe is at least 18 inches below the bottom of the water pipe.
 - 2. Vertical Separation: Whenever a sewer (gravity and force mains) must cross under a water main, the sewer shall be laid at such elevation that the top of the sewer is at least 18 inches below the bottom of the water main. When the elevation of the sewer cannot be varied to meet the above requirement, the water main shall be relocated to provide the separation or reconstructed with ductile iron pipe for a minimum distance of 10 feet on each side of the sewer. At least one full length of water main should be centered over the sewer so that both joints shall be as far from the sewer as possible.
 - 3. When it is impossible to obtain proper horizontal and vertical separation as stipulated above, the sewer shall be constructed of C900 pipe and shall be pressure-tested to assure water tightness.

1.2.13. Force mains

- (a) Velocity: At design flow, velocity in excess of two feet per second shall be maintained.
- (b) Air Release Valve: An automatic air release valve shall be placed at high points in the force main to prevent air-locking.

- (c) Termination: Force mains shall terminate in the invert of a manhole.
- (d) Pipe Diameter: Force mains are to be designed and sized for the pump they are serving.
- (e) A maximum Hazen and Williams "C" factor used should not be greater than 130 regardless of that actually determined for the pipe.
- (f) Force mains using minimum 4-inch AWWA C-900 DR18 PVC slip-on type joint meeting the latest requirements of AWWA Standards C151 with a minimum of 3 feet of cover will be acceptable to the Maryville Water and Sewer Department.
- (g) All force mains shall include a connection manhole within twenty (20) feet of the pump station on the discharge line that will allow for the connection of a pump station bypass pump to the force main. Said connection shall include an appropriately sized tee, reducer as needed, corrosion resistant gate, or ball valve (PVC preferred) and a four-inch quick connect coupling compatible with the City of Maryville hydraulic portable pump hoses. The connection shall be housed in a standard manhole with drainage provided in the bottom of the manhole to prevent flooding of the connection.
- (h) When AWWA C-900 DR-18 PVC pipe is used, 12 gauge toning wire shall be installed along the entire length of the pipe for detection. The ends of the wire shall terminate in a valve box or other acceptable location whereby detection equipment may be attached. PVC or other GREEN plastic warning tape labeled "SEWER" shall be installed approximately midway in the trench prior to backfilling with soil. Locate stations shall be placed at a maximum of 1,000 foot intervals.

1.2.14. Wastewater Lift Stations

Wastewater lift station design criteria is not provided under these Standards. However, lift stations shall be of the wet well/dry sump configuration. Construction of the lift station shall include a paved (asphalt or concrete) driveway, minimum 8-foot high chain-link fence enclosing the site, minimum 20-foot wide gate for access, a permanent potable water supply, radio SCADA units compatible with the existing City of Maryville SCADA system. The wet well of the wastewater lift station shall be constructed to allow for the insertion of a portable Gorman Rupp hydraulic pump without interference from the suction elbows for emergency pumping conditions. A flat area in the bottom of the wet well shall be provided of sufficient size to allow the hydraulic pump to be set in place on the pump station floor without induced tilt on the pump and without having to remove the normal wet well piping. Maryville WSD Engineering will evaluate separately the materials and criteria proposed for use in the design of wastewater lift stations. Plans and specifications must be submitted to the Maryville WSD Engineering for approval. Once approval has been given by the Maryville WSD Engineering, plans and specifications must be submitted to the Tennessee Department of Environment & Conservation, Division of Water Resources, for approval.

1.3. PRODUCTS

Pipe and all accessory fitting and appurtenances, etc., shall be made in America where possible unless approval is obtained from the Maryville WSD Engineering for the use of a

product that is not made in America. This requirement shall be construed in a manner, which does not violate current trade agreements, any amendments thereto, or any other free trade or other laws.

1.3.1. Pipe

PVC Pipe:

1. Shall be manufactured from virgin, NSF approved resin conforming to the requirements of ASTM Standard D1784.
2. All PVC Pipe shall conform to the requirements of either:
 - i. ASTM Standard D3034 or ASTM F-679 and have a Standard Dimension Ratio (SDR) of 26 or,
 - ii. AWWA Standard C900.
3. The gaskets used for joining PVC sewer pipe shall conform to ASTM Standard F477.
4. All PVC pipe shall be clearly marked with the manufacturer's name, nominal diameter, SDR, ASTM D3034; or AWWA C900 and NSF approved seal.
5. Use of ASTM D3034/SDR26 PVC pipe shall be limited to depths less than or equal to sixteen (16) feet. Where depths to the sewer invert exceed sixteen (16) feet, C900 pipe shall be used.

1.3.2. Pipe Fittings

- (a) PVC pipe fittings shall be manufactured from virgin, NSF approved resin conforming to the requirements of ASTM Standard D-1784.
- (b) Fitting for Connections Between Dissimilar Pipe materials.
 1. When laying uphill and transitioning from SDR 26 PVC C900 PVC pipe, a cast iron or ductile iron mechanical joint sleeve will be installed. Appropriate gaskets for the pipes joined shall be used.
 2. When laying uphill and transitioning from C900 to SDR26, a cast iron or ductile iron mechanical sleeve will be installed. Gaskets shall be appropriate for the pipes joined.

1.3.3. Concrete materials

Concrete used in conjunction with the installation or repair of sewer lines and appurtenances shall be as follows:

1. Minimum compressive strength: 28 days, 4,000 psi average any 3 cylinders.
2. Coarse aggregates: Size No. 57 crushed limestone.

3. Fine aggregates: Natural sand or manufactured limestone sand proportioned by dry weight of fine to total aggregates between 30-45 percent.
4. Slump: 2-4 inches.
5. Mixing Water: maximum 6.0 gallons per sack. Deduct the moisture content of the aggregate from the amount of mixing water required.
6. Cement: Use Portland cement meeting the requirements of ASTM Standard C150. Use minimum 6.6 sacks of cement per cubic yard of concrete.
7. Dry aggregate per cement sack: Coarse aggregate-280, fine aggregate using manufactured limestone sand-194, fine aggregate using natural sand-187.

1.3.4. Manholes

(a) General Requirements

Manholes shall be precast reinforced concrete meeting the requirements of ASTM Standard C478 except as may be provided otherwise in the following: (See Appendix I for standard drawings)

1. Manhole inside diameter shall be 48 inches for 18 inch and lesser diameter pipe and 60 inches for 21 inch to 30-inch diameter pipe.
2. Wall thickness shall be a minimum of 5 inches.
3. The minimum compressive strength of precast manhole risers, bases, cone or top sections, and grade rings shall be 4,000 psi.
4. The access opening in cone or top sections shall be a minimum of 24 inches.
5. Joints: The reinforced concrete manhole base and riser sections, excepting grade rings, shall be formed with male and female ends, so that when the manhole base, riser, and top are assembled they will make a continuous and uniform manhole.
6. Lift eyes or holes may be provided in each section for the purpose of handling but must not protrude through the concrete walls.
7. Polyethylene manholes, or fiberglass manholes may be used with prior permission of the WSD Engineering.
8. The outside surface of manhole bases, risers, and cones, shall be completely coated with bituminous coating as required.
9. Manhole joints and parts shall be compatible with the majority of the existing City of Maryville precast manholes and capable of meeting the vacuum testing requirements without field modifications.

(b) Precast Reinforced Concrete Manhole Bases:

1. The base riser sections shall be precast with integral floors.
2. Bases for pipe 10 inches diameter or less shall have a minimum outside height of 24 inches.
3. Bases for 12 inch through 18-inch diameter pipe shall have a minimum outside height of 36 inches.
4. Heights of bases for pipes greater than 18 inches in diameter shall be according to the manufacturer's specifications, subject to prior approval of the WSD Engineering.

(c) Precast Reinforced Concrete Tops:

Precast tops shall be eccentric cone type. Flat slab tops may be used with PRIOR approval by WSD Engineering.

(d) Precast Reinforced Concrete Grade Rings:

1. Grade ring wall thickness shall be a minimum of 5 inches.
2. Grade rings shall be either 2 inches, 4 inches, 6 inches, 8 inches or 12 inches in height.
3. The combined height of grade rings shall be a maximum of 12 inches.

(e) Concrete Manhole Coating: The outside surface of manhole bases, risers, and cones may be coated with 2 layers of bituminous coating applied at right angles to each other as required.

(f) Manhole Steps:

1. Manhole steps shall be aluminum fabricated from aluminum alloy 6061, T6.
2. Manhole steps shall be corrosion resistant, free from sharp edges, burrs, or other projections which may be a safety hazard and shall be of sufficient strength to have a live load of 300 pounds imposed at any point.
3. The minimum width of cleat shall be 10 inches.
4. The legs and struts shall be of sufficient length for the cleat to project a minimum clear distance of 4 inches from the wall when the step is securely imbedded in the manhole wall.
5. The top surface of the cleats shall be designed to prevent foot slippage.
6. Steps should be positioned vertically over a pipe inlet/outlet and at a maximum spacing of 16 inches.

7. Steps shall be the same size, projection, spacing, and alignment in each manhole.
- (g) Section Joints: Base risers, section risers, and tops shall be designed for flexible butyl resin sealant meeting the latest requirements of AASHTO Standard M198-B.
- (h) Pipe Entrance Couplings:
1. Openings in the base section wall shall be factory installed for the required number and size of pipes and shall be manufactured as to allow up to 20 degrees axial deflection as shown on the approved plan.
 - i. Internal expanding bands or power sleeves shall be of a type 304 stainless steel meeting the latest requirements of ASTM Standard C923 and shall be designed to allow contraction around the boot to clamp and seal the boot to the pipe.
 - ii. The pipe entrance coupling shall be Kor-N-Seal™106-406 Series, or approved equal meeting ASTM Standard C923 shall be installed for each core opening furnished in the base or riser sections.
 2. Pipe openings made in the field in existing manhole walls for PVC or C900 pipe installation shall be one of the following:
 - i. Concrete manholes shall be cored in the field. Each core shall have installed a flexible molded neoprene compound boot meeting the requirements of section 1.3.4 (h) 1. of these standards.
 - ii. Existing brick manholes shall be evaluated in the field for replacement with a precast concrete manhole. Whenever new sewer main lines are to connect to an existing brick manhole, the manhole shall be replaced unless approval is obtained from the Maryville WSD Engineering to leave the existing manhole in place. Any deviations from the above will be evaluated on a case by case basis by the Maryville WSD Engineering prior to tap being made.
- (i) Manhole Frames and Covers: (See Appendix I)
1. Manhole frames and covers shall be of gray cast iron meeting the latest requirements of ASTM Standard A48, Class 30, (30,000 psi). The total weight of the frame and cover shall not be less than 375 pounds for a standard height frame or 200 pounds for a shallow height frame.
 2. Manhole covers shall be round and machine ground horizontally.
 3. Manhole frames shall have clear openings of 24 inches, heights 7-8 inches for standard rings, or 4-5 inches for short rings, and overall base diameters between 35 & 37 ½ inches. The base shall have four uniformly spaced holes for attachment to the manhole using 5/8-inch diameter bolts. The maximum bolt circle diameter shall be 33 inches.

4. Manhole covers shall have a thickness as specified by manufacturer and diameters of 26 inches.
5. Manhole covers shall have two non-penetrating pick holes for lifting purposes.
6. The top face of the manhole covers shall be embossed with the seal of the City of Maryville and the words "SANITARY SEWER" with letters approximately two (2) inches in size.
7. Painting of the inside frame and lid may be required.
8. Manhole frame and cover dimensions and specifications are shown on standard detail Sheet 1 in Appendix I.

(j) Watertight Manhole Covers:

(See Appendix I)

1. Watertight manhole frames and covers shall be of the outer lid/inner watertight cover configuration.
2. The frame and outer lid shall meet the requirements of Section 1.3.4 (i) of these Standards.
3. The steel locking bar for the inner watertight cover shall be equipped with a minimum 3/4-inch diameter stainless steel bolt for securing the cover. The bolt shall be equipped with a minimum 1/2-inch diameter, 4-inch long "tee" handle for installation and removal.
4. The inner watertight cover shall be equipped with two (2) cast iron, stainless steel, or brass eyehooks for ease of removal and installation of the cover.
5. A watertight seal between the inner cover and frame shall be achieved using a minimum 3/8-inch diameter O-ring gasket. This gasket shall be set in a groove in either the inner cover or the frame. The groove shall be at least one half the diameter of the O-ring gasket. If the gasket is set in the inner lid, then it shall be attached to the inner lid so that it will not fall off while removing the lid.
6. Watertight manhole frame and cover dimensions and specifications are shown on standard detail Sheet 1 in Appendix I.

1.3.5. Air Release valve

Air release valves for use on pressure sewage mains shall be Vent-O-Mat™. Series RGX or approved equal. Each valve shall be designed/sized for its particular application. Reference the standard detail drawing in Appendix I. Valves are to be located outside of paved areas whenever possible and graded to assure positive drainage away from the valve installation. Rodent screens are required on all vent lines. Perforated lids may be substituted for the vent lines with the Maryville WSD Engineering approval.

1.4. EXECUTION

- (a) All construction on the City of Maryville's wastewater collection system that is not performed by the Maryville WSD shall be executed by a person, firm, or corporation licensed to engage in municipal utility contracting as set forth in the Tennessee Contractors Licensing Act of 1976 (TCA 62-601). This requirement shall apply to all construction regardless of the amount of work involved.
- (b) Contractors shall hold the appropriate license designation for the work they are to perform and a valid City of Maryville or Blount County Business License.

1.4.1. Preparation

- (a) Precautions and Permit to Excavate:
 - 1. Notify utility companies to locate existing facilities.
 - 2. Abide by other utility companies' requirements when repairing, replacing or disturbing existing facilities.
 - 3. Prior to trench excavation within any public right-of-way, including public alleys, a permit shall be obtained from the governing authority to perform such excavation. As a minimum, the trench backfill and street repair shall be made in accordance with the Maryville Land Development and Public Works Standards.
- (b) Prior to laying pipe, prepare suitable bedding in accordance with 1.2.7 of these Standards.
- (c) Before placing pipe in trench, field inspect for cracks or other defects; remove defective pipe from construction site.
- (d) Swab the interior of the pipe to remove all undesirable material.
- (e) Prepare the bell end and remove undesirable material from the gasket and gasket recess.

1.4.2. Installing Gravity Sanitary Sewers

- (a) Lay pipe true to the lines and grades from the grade and alignment stakes, or equally usable references. Laser equipment shall be used and offset hubs shall be provided at each manhole for purpose of checking grade between sections.
- (b) Accurately establish the centerline of each pipe using current construction methods.
- (c) Carefully inspect all pipe and each fitting prior to its placement in the trench, and reject any defective pipe or fitting from the job site.

- (d) Lay pipe progressively upgrade, with bell upstream in such a manner as to form close, concentric joints with smooth bottomed inverts. Joining of all pipe shall be in accordance with manufacturer's specifications.
- (e) Bed and/or support each pipe section in accordance with Section 1.2.7 of these Standards.
- (f) Provide all gravity sewer lines with a minimum of 4 feet of cover in roadways and 2.5 feet of cover in open areas, unless C900 pipe is used.
- (g) Do not allow walking on completed pipelines until backfill has been placed to a depth of at least 6 inches above the crown of the pipe.
- (h) Keep the pipe free of all unneeded material, and upon completion of a section between any two manholes, it shall be possible to view a complete circle of light when looking through the pipe.
- (i) When laying pipe ceases, close the open ends of the pipe with a suitable plug for preventing the entrance of foreign materials.
- (j) Couplings and adapters used for joining dissimilar gravity pipe materials for repairing and rejoining sections of gravity sewer shall be of neoprene construction with stainless steel clamps.
- (k) Couplings used to repair damage that occurs during new construction shall be hard coupling of the original material.

1.4.3. Final Testing

- (a) Before the sewer line is accepted and before any houses are connected, a final testing procedure is to be followed.
- (b) Perform a visual inspection. A TV-inspection of the line may be required. All leaks shall be repaired.
- (c) A low-pressure air exfiltration test shall be made.
 - 1. Such tests will be conducted in accordance with ASTM C 828. Procedures for a low-pressure air exfiltration test are provided under Section 1.2.9 of these Standards.
- (d) When PVC pipe is used, pulling an approved "go -no go" deflection mandrel of 95/100 pipe diameter through all reaches of gravity sewer is required. No sections will be accepted that exhibit a deflection of more than five (5%) percent. Test shall not be made until a minimum of 24 hours has passed since the fill over the pipe was completed.

1.4.4. Installing Manholes

- (a) Manholes shall be furnished as provided under Section 1.3.4 of these Standards.
- (b) Depth of manholes shall be the vertical distance from the lowest invert in the manhole to the base of the manhole cover frame.
- (c) Backfill manholes with the same material used for pipelines.
- (d) Prepare manhole subgrade on undisturbed earth. Remove all loose earth prior to placing crushed stone base or concrete slab. Fill all disturbed areas below subgrade level with compacted bedding stone.
- (e) Manholes having a depth of less than 12 feet shall be set on a compacted Size No. 7 crushed limestone base of minimum 6 inches thickness. Manholes having a depth of 12 feet or more shall be set on a 6-inch thick concrete slab having a minimum diameter 1 foot greater than the outside diameter of the manhole base section (6 foot by 6 foot square or 7 foot round pad for a standard 4 foot manhole). The concrete pad shall be precast and set on 6 inches compacted Size No. 7 crushed stone bedding. Precast slab must be Size No. 4 rebar 12 inches on center or the equivalent area of approved reinforcement material. Concrete shall meet the conditions of Section 1.3.3 of these standards.
- (f) The crushed limestone base shall be placed on dry consolidated and, when possible, undisturbed soil. Where a manhole cannot be installed on undisturbed soil or where field inspection shows a soft subgrade, the engineer shall design a footer that will support the manhole and prevent damage to the sewer line due to differential settling.
- (g) Manholes shall be set plumb.
- (h) Manhole inverts shall be accurately shaped, using concrete, to a smooth surface texture. Invert flow channels shall be shaped having the same radii as those of the pipes for which the channels are being provided. The depth of the channels shall be a minimum of 1/2 the diameter of the pipes being accommodated. From the edge of the shaped flow channels to the manhole walls, inverts shall be sloped upward at a minimum of 1 to 6.
- (i) Inlets and outlets of each manhole shall be finished smooth and flush with the sides of the manhole wall so as not to obstruct the flow of wastewater through the manhole.
- (j) When completed, the manhole shall be free from channel obstruction and leakage.
- (k) Seal joints between manhole sections with flexible butyl resin sealant. Manufacturer's recommendations for placing sealant shall be followed.
- (l) Lift holes shall not completely penetrate the manhole walls.
- (m) Precast concrete grade rings shall be set using Portland Cement mortar and/or flexible butyl resin sealant. Care should be exercised so as not to allow too much water in the

Portland Cement Mortar which may cause shrinkage. All Manhole cover frames that are attached to 2 or 4 inch grade rings shall be attached to the grade rings using Portland Cement Concrete mortar and/or butyl resin sealant. A minimum of 2-inch thickness of mortar shall also be placed over the lip of the cover frame as shown on standard drawings. Joints of precast concrete grade rings and manhole frames shall be made so as to prevent leakage and pass vacuum testing.

Alternate attachment for 6 inches in height grade rings and direct attachment to the manhole cone:

The following alternate may be used in lieu of Portland cement mortar for attaching Manhole Frames to grade rings 6 inches in height or directly to the manhole cone. Manhole Frames shall be bolted by means of 4, 5/8 inch anchor bolts and shall be set in a bed of flexible butyl resin sealant. No Portland Cement Mortar will be required around the frame when this alternative is used.

(n) Drop Manholes:

1. The drop pipe construction shall be of C900 pipe and C900 fittings. The inlet piping of an outside drop shall be bedded with concrete to solid or virgin ground. The remainder of the outside drop shall be backfilled with compacted Size No. 7 crushed stone. C900 pipe shall meet the requirements of Section 1.3.1 of these Standards. Fittings shall meet the requirements of Section 1.3.2 of these Standards. One full joint of C900 pipe shall be installed prior to the drop assembly.
2. Concrete used in constructing drop pipe assemblies shall meet the conditions under Section 1.3.3 of these Standards.

(o) Flexible couplings shall be packed with Portland Cement Mortar. The use of bricks or other materials to fill the flexible coupling "boot" is not allowed.

1.4.5. Sewer Service Assemblies

- (a) Fittings shall be furnished and installed by the developer in the gravity sewer pipes for individual service assemblies for any and all existing lots and/or lots to be platted in the development.
1. The standard collector tap shall consist of a tee connected with a 6-inch diameter branch. The tap will consist of fittings made of the same material as that of the line except that PVC fittings may be used on vitrified clay lines. C900 pipe and C900 fittings shall be used in roadways where cover is less than 4 feet, or in open areas where cover is less than 2.5 feet. Also, C900 pipe shall be used where velocities greater than 15 feet per second are attained.
 2. Sewer service assemblies having 45 degree angles or less measured from the horizontal may be used when the depth of the sewer collector is greater than 8 feet or when their use will facilitate connection of individual services.

3. All sewer service assemblies having angles of 30 degrees or greater measured from the horizontal shall be placed-in a bedding of compacted Size No. 7 crushed stone having a minimum width of 3 times the pipe diameter, a minimum thickness under the pipe equal to the pipe diameter, and an overall thickness of twice the pipe diameter. A minimum of 6 inches of bedding stone shall be placed above the top of all PVC risers in accordance with the provisions of Section 1.2.7 of these standards.
4. Tee branches not to be used immediately shall be plugged with stoppers of the same material and joints used on the collector lines.

(b) Service Pipe and Fittings:

1. Service pipe and fittings shall be supplied by the developer and shall have a minimum diameter of 6 inches and shall be installed from the collector lines to the street right-of-way lines or edges of easements provided. Building sewer shall be located on the lot itself. In cases where other utilities or structures are present the service line shall be required to be extended beyond the interfering structures. The decision as to extending the service line shall be made in the field by the City of Maryville WSD Engineering personnel. Service pipe and fittings shall meet the conditions under Section 1.2 of these Standards.
 2. Ends of service pipe shall be plugged and covered the same as collectors, where possible.
 3. The minimum grade on service pipes shall be one percent or 1/8 inch per foot.
 4. Service pipes shall be bedded in accordance with the provisions of Section 1.2.7 of these Standards.
 5. Ends of service pipes shall be field located (1) by recording the distances measured along the collector lines from the nearest downstream manhole to points at right angles to such service pipe ends and recording the perpendicular distances measured between the collector lines and the service pipe ends and, (2) by installing a length of 2-inch diameter PVC pipe at the service pipe ends, placed at the end of the assembly and protruding 4 feet above the ground surface vertically above such service pipe ends. (See Appendix I for Standard drawings).
- (c) The 6-inch branch sewer service assembly shall be extended to the lot it is intended to serve as per (b) above. Minimum 6-inch sewer service pipe grade is 1%. The sewer service pipe grade may be increased provided that the lowest buildable corner of the lot may be served from the end of the 6-inch service pipe under the following assumptions:
1. On Lot service pipe grade 2% from end of the 6-inch branch sewer service pipe to the furthest buildable corner.
 2. Minimum depth at furthest buildable corner 2 feet.

3. Or a minimum finish floor elevation for service shall be established by the engineer and included in the final plat.
- (d) Design of new sewer mains to provide services at existing homes and new subdivisions shall include:
1. Physical verification of the invert elevation of existing "on lot" sewer lines.
 2. Statement by the design engineer in cases where the house sewer cannot be connected to the gravity sewer without a pump.
 3. Where feasible, the sewer line shall be deep enough to serve existing and roughed in plumbing and the proposed lots by gravity connections.

1.4.6. Annual Inspection

Approximately twelve (12) months following acceptance of the utility line, a follow-up inspection will be made to determine if any failures or deficiencies have occurred as a result of Contractor's or Developer's work and/or materials. Present at this inspection will be a representative of the Maryville WSD Engineering and a notice of the inspection with its findings shall be forwarded in writing to the Developer. The Developer will be responsible for correction of all failures or deficiencies of a mechanical nature and for failures or deficiencies caused by the work and/or materials of Developer and/or his agents which occur in the first year of operation. Any other failures or deficiencies which occur in the first year of operation will be the responsibility of the title owner of the affected property except that any failures or deficiencies on property dedicated to the City of Maryville by the Developer shall remain the responsibility of the Developer throughout the one year warranty period. The Developer and/or property owner, as appropriate, is further responsible for any additional damages done in completing the required repairs. Within ninety (90) days of notification of the findings of the one-year inspection, it is the responsibility of the Developer and/or property owner as appropriate to ensure that any and all changes and/or repairs have been completed. If the Developer is in compliance and no changes or repairs are needed either initially or within the ninety (90) day cure period, any bond posted shall be returned to the Developer within sixty (60) days of completion and acceptance of the work by the City following the one year inspection. If the Developer fails to complete any required repairs or changes and the ninety (90) day cure period passes after notice, any bond posted shall be paid immediately to the City of Maryville for the purpose of remedying any of the deficiencies and/or for completion of the project. Such funds shall remain the sole property of the City of Maryville, even to the extent that the actual costs of the work done are less than the amount of the bond forfeited to compensate the City of Maryville for the additional time and manpower needed to complete the work or to see that the work is completed. Maryville WSD Engineering will oversee completion of the needed work at the expense of Developer and will charge Developer any overage incurred over the bond amount for the cost of the completed work. The Developer is responsible for such charges. If a bond has not been provided, the City may file suit or make other collection efforts against the Developer or any other appropriate parties immediately after the expiration of the ninety (90) day cure period for the cost of the work done or to be done to bring the property into compliance. The City

shall receive from the Developer or any other appropriate party its reasonable litigation costs incurred as a result of Developer and/or other appropriate defendant failing to timely complete the required repairs identified in the one-year inspection. Such litigation costs include, but are not limited to, reasonable attorney's fees, court costs and deposition fees.

1.4.7. Bond Requirement

Maryville WSD Engineering shall maintain a list of delinquent developers who are in default and have not in the past performed repairs required by the City of Maryville or WSD Engineering after the ninety (90) day cure period following the inspection done at the one year warranty period. These developers shall be required to perform or pay for the required repair work and any and all prior projects for which the developer is responsible; otherwise, the developer will be required to post a performance bond acceptable to WSD Engineering before commencement of any new projects involving WSD Engineering. Such bond shall be in an amount equal to at least ten percent (10%) of the contracted cost of the water and sewer utility installation for the development. The performance bond shall be payable to the City of Maryville and shall be executed by a surety company duly authorized and qualified to do business in the State of Tennessee. This bond shall be conditioned upon the developer's completion of all requirements of WSD Engineering as set forth in any contractual agreement with the City and in the Rules, Regulations, Rates and Policies for the City of Maryville, Water and Sewer Department pertaining to warranty work and required repairs to the water, sewer, and wastewater utility systems for the project.

1.5. STANDARDS FLEXIBILITY

1.5.1. Interpretations of these Standards and Design criteria

Interpretations of these Standards and Design Criteria or the determination of any other Maryville WSD Engineering standards and design criteria not covered under these Standards shall be at the discretion of the Public Utility Director of the Maryville WSD Engineering. The decision of the Public Utility Director of Maryville WSD Engineering shall be based on past practices, traditional policies, widely accepted professional principles and practices of the industry.

1.5.2. Right of Appeal

Any disagreement with the interpretations or determinations made by the City of Maryville Public Utility Director with respect to these Standards or any other standards not covered herein may be appealed to the City Manager.

1.6. WASTEWATER GRAVITY INTERCEPTOR DEVICES

1.6.1. Requirement for Devices

(a) Commercial or industrial dischargers of wastewater into the City of Maryville wastewater collection system are required by the Sewer Use Ordinance, International

Plumbing Code, as adopted and amended from time to time by the City or other ordinance or regulation of the City of Maryville to install and maintain a gravity-type separator, interceptor, or other such device for the removal of oil, grease, sand, grit, entrails, or other such material likely to create or contribute to a blockage of the wastewater collection system or otherwise interfere with the operation of the sanitary sewer system or the Regional Wastewater Treatment Plant (RWWTP).

- (b) Commercial establishments which are not required to install such devices include, but are not limited to:
 - 1. Commercial establishments which are not involved in food processing, preparation, packaging, or handling;
 - 2. Commercial establishments with food preparation, but no deep fryer, or grill;
- (c) Although these establishments are initially excluded from the device requirement, if it is determined that these businesses are causing sewer line stoppages due to grease or other problems, then gravity interceptor devices shall be required. If a commercial establishment plans to add a deep fryer or a grill, that establishment must notify the City prior to installation and submit plans as specified in Subsection 1.6.3 of this section.

1.6.2. Inspection

Each commercial or industrial user required to own and maintain such devices shall be inspected at least twice each year to determine the maintenance and operation of these systems. Maintenance records shall be kept and shall be available for review by WSD Engineering during inspections.

1.6.3. Submittals

Prior to installation of new gravity-type separators, grease interceptor, screens, or other pretreatment devices, plans and design calculations shall be submitted to WSD Engineering for review and approval. No specifications for pretreatment devices are detailed in these regulations except for grease interceptor. Grease interceptor specifications are outlined on standard detail drawing Sheet 2 in Appendix I, and in Subsection 1.6.4 of this section. WSD Engineering will evaluate separately the materials and criteria proposed for use in the design of other pretreatment devices.

1.6.4. Grease Interceptor Size

Grease interceptor sizes will be determined by the following formula:

Grease Interceptor Size (gallons) = F.U. x 0.5 x 5 gpm x 20 minutes

Where:

F.U. = fixture units plumbed into the grease interceptor
(fixture unit values as list in the Southern Building Code)

gpm = gallons/minute

Minimum grease interceptor size shall be 1,000 gallons.

1.7. WASTEWATER RULES, REGULATIONS, & POLICIES

1.7.1. Application for Sewer Service

Persons desiring sewer service connections shall make application to the City. The application shall state that the applicant shall abide by the Rules, Rates and Charges of the City then in force, or which thereafter is adopted. The application shall be signed by the owner or tenant of the premises, and shall state the location of the premises to be served, including street, lot number, and relevant elevations of the main floor or basement so that the City can determine the availability of service.

1.7.2. Connection with Sewer Required

In accordance with the City of Maryville Municipal Code, Title 18, Chapter 2, regulating the use of public and private sewers, owners of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes situated inside or outside City limits and abutting on any street, alley or right-of-way in which there is located a public sanitary sewer of the City, and is within three hundred (300) feet of the building drain are hereby required, at their expense, to connect such houses, buildings or properties to the City's public sanitary sewerage system. Connections over 300 ft should be considered a main extension.

1.7.3. Sewer Service Charges

All water customers of the City whose premises are connected with the sanitary sewerage system shall pay sewer service charges in accordance with the Customer Service Policy Manual.

1.7.4. Sewer Service Connections

All service connections to an existing City sewerage system shall be made at suitable locations selected by authorized personnel of the City or our designated representative. The City will establish proper grades for service connections when required. The sewer service line shall be installed from the existing sewer main to the edge of the right-of-way or edge of easement.

The sewer connection charge is shown in the Customer Service Policy Manual. A charge must be paid upon application for service for each connection or tap to be made to the

City sewerage system. Houses, buildings or properties having one roof line and containing multi occupancy units may be connected to the City system by means of a single connection or tap, providing such single connection or tap is shown to have adequate capacity to carry the maximum quantity of sewage in accordance to the International Plumbing Code, as adopted and amended from time to time by the City.

Multiple rooflines or buildings may be connected to one common line if shown to have adequate capacity to carry the maximum quantity of sewage in accordance to the International Building Code (minimum 6") if located on one parcel. Before a parcel with common line can be subdivided, the sewer line shall be upgraded to the standards of Section 1.2 above in order to serve multiple parcels.

The service line or building sewer shall be within the property lines of the applicant and shall be installed, owned, and maintained at the expense of the applicant. It shall be at least five (5) feet distance from any water service line. Service lines must pass inspection before being covered over and placed into service.

1.7.5. Customer Service Lines Not To Serve Others

A separate and independent building sewer shall be provided for every platted lot served. Said building sewer shall be located on the lot itself. (Building sewer is defined as "That part of the drainage system that extends from the end of the building drain and conveys the discharge to a public sewer, private sewer, individual sewage disposal system or other point of disposal," except as defined in section 1.7.4 above.)

Note: State of Tennessee Department of Environment and Conservation (TDEC) requires that any sewer collection system be permitted for operation. A sewer collection system is any common sewer line that accepts flow from more than one lot.

Specifically, TDEC requires:

- (a) The collection system must be permitted by TDEC.
- (b) The collection system must have an operator certified by the TDEC Board of Water and Wastewater Operator Certification.
- (c) The collection system must be a legally established and liable operating entity.
- (d) The collection system must make all appropriate reports and pay all appropriate fees to the State of Tennessee.
- (e) The collection system must have in place an agreement from an appropriate publicly owned treatment works to accept the sewage from the collection system.

This does not prohibit multiple connections to a line provided the line is operated by a certified collection system operator as part of a TDEC permitted collection system.

1.7.6. Compliance with International Plumbing Code

The customer shall be responsible for installing and maintaining his service line in compliance with the International Plumbing Code as adopted and amended from time to time by the City. Should the Plumbing official or WSD Engineering representative or his authorized inspector determine the customer's service line needs to be rehabilitated or replaced, it shall be the responsibility of the customer to perform the necessary corrective work.

1.7.7. Sewer Service with The City And Water From Another Utility Or Well

Customers connected to the City sewerage system but not connected to the City water system, will be charged for sewer service based on metered water used, if obtainable. If the customer has water service from a source other than the City and fails to pay the City for sewerage service, the City has the right to disconnect or plug his sewer service line serving the property.

Single dwelling customers served by an unmetered water supply and connected to the City sewerage system shall pay a monthly flat rate sewerage charge in accordance with rates shown in the Customer Service Policy Manual.

Multi-dwelling customers served by an unmetered water supply and connected to the City sewerage system shall pay a monthly charge per unit in accordance with the rates as shown in the Customer Service Policy Manual.

Commercial customers shall meter their water supply regardless of the water source to establish the sewer charge.

1.7.8. Use of Existing Systems

All cesspools, privies, and septic tank systems in use in the City may continue to be used if kept in a proper and sanitary condition until such time as a sewer shall be constructed in a public right-of-way or easement abutting the property containing such systems, after which said properties shall be connected to the City system.

1.7.9. Service Line Stoppages

The City's personnel will unstop the City service line serving the customer's premises at the expense of the City. It will be the responsibility of the customer to unstop blocked service lines on the customer's service; however, in the event there is some doubt as to location of the stoppage, the City may unstop the line. Should the City determine that the blockage was located on the customer's service; the customer shall pay for actual cost of unstopping the line by the City crew.

1.7.10. Compliance with Rules And Regulations

The City can, at its discretion, discontinue services to those customers who fail to comply with the foregoing Rules and Regulations, ordinances, Resolutions, or any other policy of the City that may apply.

1.7.11. Extension of Sewer Mains

The extension of sanitary sewer mains shall be made in accordance with and subject to the conditions as set forth in accordance with our current Water and Wastewater Fee Schedule.

1.7.12. Damage Claims

Maryville WSD Engineering shall not accept responsibility for damages incurred by a customer of WSD Engineering, when said damages have resulted from the following actions:

- (a) damages caused by defective operation or condition of the customer's plumbing system;
- (b) damages caused by a defective condition in the wastewater system, unless the department receives actual or constructive notice of the defective condition.

All claims resulting from negligent operation, negligent installation, or negligent repairs, and all claims arising out of sudden and unexpected emergency repair work, will be handled on a case by case basis within the scope of the Tennessee Municipal League Risk Management Pool policies, and within the scope of general law, including the Tennessee Municipal Tort Liability Act.

1.8. WASTEWATER RATES AND CHARGES

Rates, fees and other charges for the sanitary sewer system will be in accordance with current City of Maryville fee schedule as located in the Customer Service Policy Manual. Fees not included in the above policies will be charged based on actual costs.

1.9. SEWER MAIN EXTENSIONS

In addition to the following regulations, each proposed water and/or sanitary sewer extension shall be evaluated for acceptance or rejection, especially sewer main extensions involving a sewage lift station(s). The merits of which an extension is evaluated shall include, but not be limited to, the following:

1. Cost of operations and maintenance of equipment;
2. Projected revenues from utility sales generated as a direct result of the extension;
3. Concerns with respect to the environment and/or ecology; and
4. Overall budget considerations.

In general, and insofar as possible, each extension should be economically viable and self-sustaining on its own with minimal impact on the utility ratepayers as a whole.

1.9.1. Extensions within Existing Developed Areas of the City

The City may extend sewer mains within the existing developed areas (existing platted lots of record) along accepted streets and easements within the corporate limit of the City of Maryville where economically feasible or where there exists a threat to public health caused by gross pollution resulting from inadequately operating or overflowing underground sewage disposal fields, and where the City can feasible provide sufficient funds for such extensions.

Should the City determine that the design capacity of the line should be increased to allow the service of areas other than that of the applicant, the City will pay the difference between the cost (including installation) of the line sized for the applicant versus the cost of the main to serve the expanded area. The size of such larger mains shall be at the discretion of the City.

The City may connect a main to or extend a main from any main previously installed in accordance to the above terms without obligation to the applicant who may have borne the expense on such previously installed main.

Sewer extensions into the Westwood Subdivision may be constructed where feasible after 75% of the potential customers along the proposed route have petitioned WSD Engineering to provide sanitary sewer service. Upon completion construction of the line, each customer to which sanitary sewer service has been made available shall connect to the sewer and pay the applicable construction contribution in addition to the regular tap fees and capacity charges as set forth in the Customer Service Manual.

In no event will the City make any extension at its expense should the operating budget of Maryville WSD not have sufficient funds for such extension.

1.9.2. Extensions within New Subdivisions in the City

All sewer main extensions within new subdivisions being developed within the corporate limit of the City of Maryville shall be installed by and at the expense of the developer. However, should the City determine that the design capacity of the line should be increased to allow the service of the areas other than the development; the City will pay the difference between the cost of the line sized for the development (including installation) versus the cost of the main to serve the expanded area. The size of such larger mains shall be at the discretion of the City.

The City may connect a main to, or extend a main from any main previously installed in accordance with the above terms without obligation to the developer of the newly developed subdivision.

1.9.3. Extensions outside City Limits

All proposed sewer main extensions outside the City of Maryville must be granted approval to proceed from the City prior to preparation of plans. The City reserves the right to reject any extensions.

All sewer main extensions outside the City of Maryville shall be installed by and at the expense of the Developer from the end of the existing sewer main whether it is inside or outside the City limits. However, if the City determines that it is in the best interest of the City, it may install or have installed said extensions and charge the developer a lump sum fee which shall include all applicable connection fees and line extension construction costs. Also, should the City determine that the design capacity of the line should be increased to allow the service of areas other than the development, the City will pay the difference between the cost (including installation) of the line sized for the development versus the cost of the main to serve the expanded area. The size of such larger mains shall be at the discretion of the City.

The City may connect a main to, or extend a main from, any main previously installed in accordance with the above terms without obligation to the developer or consumer who previously installed such main.

1.9.4. Exception

The regulations governing the extension of sewer mains shall not limit the City from participating in the cost of sewer main extensions when the application warrants consideration due to high volume consumption or favorable return on investment.



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AGENDA ITEM BACKGROUND

9. CONSIDERATION OF A MOTION TO DECLARE CERTAIN ITEMS AS SURPLUS AND TO AUTHORIZE THEIR DISPOSAL.

A) **Introduction:** Consideration of a motion to declare certain items as surplus and to authorize their disposal.

B) **Proposed Action:** Council is requested to consider a motion to declare certain items as surplus. The following items are no longer used or are a part of our equipment replacement schedule, and we believe that we can sell them at auction and make a substantial financial gain. The items are as follows:

Fiber Splicing Trailer Asset #923, Serial Number 1T9UC1229AR270302

Public Works Streets Paint Spraying Cart, Asset # 639A
2014 CUSHMAN TURF-TRUCKSTER, Serial # 840670002129

C) **Financial Impact of Action:** As these items are no longer being used, any funds received by their sale would be returned to the original funds source from which the items were obtained.

D) **Staff Recommendation:** Staff recommends approval.